

Table S2: Identified proteins in the whole biofluids, in sorted CSF and in ultra-centrifugated CSF .

Whole CSF

Protein ID	Accession	-10lgP	Coverage (%)	#Peptides	#Unique	PTM	Avg. Mass	Description
7	NX_P02768	335	82	163	157	Carbamidomethylation	69367	Serum albumin Iso 1
122	NX_P02787	266,73	73	68	68	Carbamidomethylation	77064	Serotransferrin Iso 1
150	NX_P01857	250,22	73	36	11	Carbamidomethylation	36106	Immunoglobulin heavy constant gamma 1 Iso 1
17866	NX_P01024	225,14	53	76	74	Carbamidomethylation	187147	Complement C3 Iso 1
27896	NX_P0C0L4	221,61	39	57	5	Carbamidomethylation	192784	Complement C4-A Iso 1
27897	NX_P0C0L5	221,12	38	54	2	Carbamidomethylation	192750	Complement C4-B Iso 1
14825	NX_P01009	205,91	64	33	32	Carbamidomethylation	46737	Alpha-1-antitrypsin Iso 1
87051	NX_P01859	200,76	65	23	4	Carbamidomethylation	35901	Immunoglobulin heavy constant gamma 2 Iso 1
13173	NX_P01023	199,34	46	47	46	Carbamidomethylation	163290	Alpha-2-macroglobulin Iso 1
170736	NX_P02774	193,94	64	24	23	Carbamidomethylation	52964	Vitamin D-binding protein Iso 1
87049	NX_P02649	191,6	68	24	24	Carbamidomethylation	36154	Apolipoprotein E Iso 1
112256	NX_P00450	189,05	41	28	28	Carbamidomethylation	122205	Ceruloplasmin Iso 1
99638	NX_P02647	187,63	73	23	23	Deamidation (NQ)	30778	Apolipoprotein A-I Iso 1
42081	NX_P01861	187,59	58	24	4	Carbamidomethylation	35941	Immunoglobulin heavy constant gamma 4 Iso 1
151	NX_P01860	187,48	55	29	5	Carbamidomethylation	41287	Immunoglobulin heavy constant gamma 3 Iso 1
18328	NX_P02751	186,83	29	45	45	Carbamidomethylation	246686	Fibronectin Iso 9
43	NX_P01834	180,45	80	13	13	Carbamidomethylation	11765	Immunoglobulin kappa constant Iso 1
71347	NX_P02790	180,27	64	26	25	Carbamidomethylation	51676	Hemopexin Iso 1
87065	NX_P10909	178,42	40	18	18	Carbamidomethylation	52495	Clusterin Iso 1
170740	NX_P08603	178,18	35	29	29	Carbamidomethylation	139096	Complement factor H Iso 1
87401	NX_P00738	175,67	53	21	21	Carbamidomethylation	45205	Haptoglobin Iso 1
87052	NX_P02766	174,81	73	17	16	Carbamidomethylation	15887	Transthyretin Iso 1
87076	NX_P06396	172,75	44	28	27	Carbamidomethylation	80641	Gelsolin Iso 2
58831	NX_Q13822	172,25	41	27	27	Carbamidomethylation	98994	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 Iso 1

170738	NX_Q14515	172,16	47	22	22	Carbamidomethylation	75208	SPARC-like protein 1 Iso 1
87774	NX_P41222	170,73	57	18	18	Carbamidomethylation	21029	Prostaglandin-H2 D-isomerase Iso 1
170746	NX_Q9UBP4	167,92	56	19	19	Carbamidomethylation	38390	Dickkopf-related protein 3 Iso 1
170741	NX_P05060	167,09	36	20	20	Carbamidomethylation	78276	Secretogranin-1 Iso 1
170752	NX_P02749	162,61	54	15	15	Carbamidomethylation	38298	Beta-2-glycoprotein 1 Iso 1
2	NX_P04264	160,65	30	17	14	Carbamidomethylation	66039	Keratin type II cytoskeletal 1 Iso 1
170745	NX_P01019	158,05	37	18	18	Oxidation (M)	53154	Angiotensinogen Iso 1
151614	NX_Q12860	157,39	26	19	19	Carbamidomethylation	113320	Contactin-1 Iso 1
170744	NX_P00734	151,72	41	18	17	Carbamidomethylation	70037	Prothrombin Iso 1
20	NX_P01876	151,04	61	15	9	Carbamidomethylation	37655	Immunoglobulin heavy constant alpha 1 Iso 1
170747	NX_P06727	150,71	64	20	20		45399	Apolipoprotein A-IV Iso 1
158409	NX_P01011	148,68	42	19	17	Carbamidomethylation	47651	Alpha-1-antichymotrypsin Iso 1
170748	NX_P23142	148,53	32	15	2	Carbamidomethylation	74434	Fibulin-1 C
170780	NX_P10451	144,93	42	10	10		33843	Osteopontin Iso 5
41357	NX_P51693	141,06	34	18	16	Carbamidomethylation	72248	Amyloid-like protein 1 Iso 2
42141	NX_P01042	140,59	45	14	14	Carbamidomethylation	47883	Kininogen-1 LMW
88482	NX_P00751	140,48	31	21	21	Carbamidomethylation	85533	Complement factor B Iso 1
88038	NX_P02765	139,89	32	9	9	Carbamidomethylation	39325	Alpha-2-HS-glycoprotein Iso 1
170756	NX_P05067	139,66	29	17	15	Carbamidomethylation	82916	Amyloid beta A4 protein L-APP733
170754	NX_P04217	139,37	53	15	14	Carbamidomethylation	54254	Alpha-1B-glycoprotein Iso 1
30117	NX_Q92823	139,32	26	19	19	Carbamidomethylation	130668	Neuronal cell adhesion molecule Iso 3
27016	NX_P36955	138,25	42	16	15	Carbamidomethylation	46312	Pigment epithelium-derived factor Iso 1
5606	NX_P10643	137,67	23	11	11	Carbamidomethylation	93518	Complement component C7 Iso 1
140153	NX_P10645	137,34	42	10	10	Oxidation (M)	50688	Chromogranin-A Iso 1
170755	NX_P01008	134,87	35	16	15	Carbamidomethylation	52602	Antithrombin-III Iso 1
170798	NX_P0DOY2	131,25	69	8	2	Carbamidomethylation	11294	Immunoglobulin lambda constant 2 Iso 1
170799	NX_P0DOY3	131,25	69	8	2	Carbamidomethylation	11266	Immunoglobulin lambda constant 3 Iso 1
75150	NX_P13591	131,14	23	13	12	Carbamidomethylation	80312	Neural cell adhesion molecule 1 Iso 4
144443	NX_P02679	130,59	38	12	12	Carbamidomethylation	49497	Fibrinogen gamma chain Gamma-A
112888	NX_P02763	128,8	41	7	5	Carbamidomethylation	23512	Alpha-1-acid glycoprotein 1 Iso 1
6	NX_P35527	128,36	30	12	10	Oxidation (M)	62064	Keratin type I cytoskeletal 9 Iso 1

13097	NX_B9A064	128,31	33	8	2	Carbamidomethylation	23063	Immunoglobulin lambda-like polypeptide 5 Iso 1
170764	NX_Q12805	127,88	36	11	11	Carbamidomethylation	53722	EGF-containing fibulin-like extracellular matrix protein 1 Iso 2
1	NX_P13645	127,55	29	14	10	Carbamidomethylation	58827	Keratin type I cytoskeletal 10 Iso 1
160138	NX_O00533	127,23	22	20	19	Carbamidomethylation	135071	Neural cell adhesion molecule L1-like protein Iso 1
893	NX_P02675	126,49	36	13	12	Carbamidomethylation	55928	Fibrinogen beta chain Iso 1
112889	NX_P19652	126,35	40	8	6	Carbamidomethylation	23603	Alpha-1-acid glycoprotein 2 Iso 1
11	NX_P08779	125,94	32	13	4	Carbamidomethylation	51268	Keratin type I cytoskeletal 16 Iso 1
805	NX_Q08380	125,06	22	9	8	Carbamidomethylation	65331	Galectin-3-binding protein Iso 1
170770	NX_P05155	123,68	27	13	13	Carbamidomethylation	55154	Plasma protease C1 inhibitor Iso 1
13	NX_P02538	120,37	31	15	4	Carbamidomethylation	60045	Keratin type II cytoskeletal 6A Iso 1
158801	NX_P00736	119,58	25	11	11	Carbamidomethylation	80119	Complement C1r subcomponent Iso 1
170814	NX_P01034	118,85	45	7	7	Carbamidomethylation	15799	Cystatin-C Iso 1
170768	NX_Q96KN2	117,15	28	11	11	Carbamidomethylation	56706	Beta-Ala-His dipeptidase Iso 1
57907	NX_O94985	116,64	17	16	16	Carbamidomethylation	108643	Calsyntenin-1 Iso 2
170769	NX_O43505	116,02	42	14	14	Carbamidomethylation	47119	Beta-1 4-glucuronyltransferase 1 Iso 1
149	NX_P05090	115,46	38	8	8	Carbamidomethylation	21276	Apolipoprotein D Iso 1
170794	NX_P02753	115	43	8	8	Carbamidomethylation	23010	Retinol-binding protein 4 Iso 1
170771	NX_P36222	114,66	34	10	10	Carbamidomethylation	42625	Chitinase-3-like protein 1 Iso 1
46	NX_P01877	114,2	29	7	1	Carbamidomethylation	36591	Immunoglobulin heavy constant alpha 2 Iso 1
170772	NX_P08571	114,04	41	11	10	Carbamidomethylation	40076	Monocyte differentiation antigen CD14 Iso 1
170773	NX_P00747	113,93	36	19	19	Carbamidomethylation	90569	Plasminogen Iso 1
144442	NX_P02671	113,34	18	10	9		69757	Fibrinogen alpha chain Iso 2
170786	NX_Q16270	113,14	46	7	7	Carbamidomethylation	29130	Insulin-like growth factor-binding protein 7 Iso 1
2020	NX_Q8WXD2	112,86	32	11	10		53005	Secretogranin-3 Iso 1
124616	NX_Q92520	111,85	43	8	8	Carbamidomethylation	24680	Protein FAM3C Iso 1
164865	NX_P13521	111,32	17	9	8	Deamidation (NQ)	70941	Secretogranin-2 Iso 1
164113	NX_P04004	109,11	30	10	10	Carbamidomethylation	54306	Vitronectin Iso 1
10	NX_P02533	108,25	28	12	2	Carbamidomethylation	51562	Keratin type I cytoskeletal 14 Iso 1
170776	NX_Q99435	107,48	17	9	9	Carbamidomethylation	91167	Protein kinase C-binding protein NELL2 Iso 4
3	NX_P35908	106,6	15	9	4	Carbamidomethylation	65433	Keratin type II cytoskeletal 2 epidermal Iso 1
133164	NX_Q9UHG2	104,58	35	6	6		27372	ProSAAS Iso 1

170833	NX_P02652	104,53	41	5	5	Carbamidomethylation	11175	Apolipoprotein A-II Iso 1
170795	NXO15240	103,63	23	10	10		67258	Neurosecretory protein VGF Iso 1
140362	NX_P07602	103,5	14	8	7	Carbamidomethylation	58113	Prosaposin Sap-mu-0
170789	NX_Q92876	103,41	43	8	8	Carbamidomethylation	26856	Kallikrein-6 Iso 1
57260	NX_P43652	101,92	22	11	11	Carbamidomethylation	69069	Afamin Iso 1
199	NX_P07339	97,45	26	8	8	Carbamidomethylation	44552	Cathepsin D Iso 1
125184	NX_P19823	96,84	14	11	10	Deamidation (NQ)	106463	Inter-alpha-trypsin inhibitor heavy chain H2 Iso 1
16	NX_Q04695	96,14	21	9	3		48106	Keratin type I cytoskeletal 17 Iso 1
170781	NX_P05546	95,78	15	8	7		57071	Heparin cofactor 2 Iso 1
170805	NX_Q9P121	95,01	19	5	3	Carbamidomethylation	37954	Neurotrimin Iso 2
170790	NX_P05452	94,85	45	7	7	Carbamidomethylation	22537	Tetranectin Iso 1
170836	NX_P13987	92,35	30	4	4	Carbamidomethylation	14177	CD59 glycoprotein Iso 1
41919	NX_Q14118	91,9	6	4	4	Carbamidomethylation	97441	Dystroglycan Iso 1
134	NX_P68871	91,52	52	6	6		15998	Hemoglobin subunit beta Iso 1
170801	NX_P04196	91,15	13	5	5	Carbamidomethylation	59578	Histidine-rich glycoprotein Iso 1
170804	NX_P08185	90,86	13	5	4		45141	Corticosteroid-binding globulin Iso 1
113354	NX_Q96GW7	88,35	13	10	9	Carbamidomethylation	99118	Brevican core protein Iso 1
170809	NX_P24592	88,07	28	5	5	Carbamidomethylation	25322	Insulin-like growth factor-binding protein 6 Iso 1
170816	NX_P80748	87,22	57	4	4	Carbamidomethylation	12446	Immunoglobulin lambda variable 3-21 Iso 1
170792	NX_P16870	87,19	22	7	7	Carbamidomethylation	49886	Carboxypeptidase E Iso 2
27311	NX_Q14624	87,16	12	9	9		103357	Inter-alpha-trypsin inhibitor heavy chain H4 Iso 1
114149	NX_O15394	86,61	7	5	4	Carbamidomethylation	93046	Neural cell adhesion molecule 2 Iso 1
26688	NX_P01764	84,97	48	6	1	Carbamidomethylation	12582	Immunoglobulin heavy variable 3-23 Iso 1
26686	NX_P01780	83,43	56	7	2	Carbamidomethylation	12943	Immunoglobulin heavy variable 3-7 Iso 1
170796	NX_P02760	83,27	28	7	7	Carbamidomethylation	39000	Protein AMBP Iso 1
170815	NX_P18065	81,93	22	4	4	Carbamidomethylation	34814	Insulin-like growth factor-binding protein 2 Iso 1
89740	NX_P55058	81,23	17	5	5	Oxidation (M)	44135	Phospholipid transfer protein Iso 3
144445	NX_P07998	79,76	35	3	3	Carbamidomethylation	17644	Ribonuclease pancreatic Iso 1
164642	NX_P55290	79,21	8	5	5	Carbamidomethylation	78287	Cadherin-13 Iso 1
138637	NX_P01871	79,13	14	6	6	Carbamidomethylation	49440	Immunoglobulin heavy constant mu Iso 1
170818	NX_P61769	77,88	40	5	5	Carbamidomethylation	13715	Beta-2-microglobulin Iso 1

170848	NX_P08294	77,03	15	3	3	Carbamidomethylation	25851	Extracellular superoxide dismutase [Cu-Zn] Iso 1
134532	NX_P09871	75,15	14	7	7	Carbamidomethylation	76685	Complement C1s subcomponent Iso 1
170830	NX_P01210	74,81	22	5	5	Carbamidomethylation	30787	Proenkephalin-A Iso 1
131254	NX_P04156	74,45	10	2	2	Carbamidomethylation	26885	Major prion protein Iso 2
23	NX_P25311	73,52	22	5	5	Carbamidomethylation	34259	Zinc-alpha-2-glycoprotein Iso 1
134225	NX_P12109	73,06	4	3	2		108529	Collagen alpha-1(VI) chain Iso 1
170841	NX_A2NJV5	71,7	37	3	2	Carbamidomethylation	13085	Immunoglobulin kappa variable 2-29 Iso 1
170842	NX_A0A075B6S2	71,7	37	3	2	Carbamidomethylation	13143	Immunoglobulin kappa variable 2D-29 Iso 1
131918	NX_Q9NNX_Q79	71,48	14	7	7	Carbamidomethylation	71421	Cartilage acidic protein 1 Iso 1
144775	NX_P01782	69,17	39	5	1	Carbamidomethylation	12945	Immunoglobulin heavy variable 3-9 Iso 1
55422	NX_P01593	68,99	36	3	2	Carbamidomethylation	12848	Immunoglobulin kappa variable 1D-33 Iso 1
55423	NX_P01594	68,99	36	3	2	Carbamidomethylation	12848	Immunoglobulin kappa variable 1-33 Iso 1
140473	NX_P43121	68,23	5	4	3	Deamidation (NQ)	71608	Cell surface glycoprotein MUC18 Iso 1
170837	NX_P43251	68,1	8	3	3		58913	Biotinidase Iso 4
170803	NX_P02750	68,07	19	5	5		38178	Leucine-rich alpha-2-glycoprotein Iso 1
133093	NX_Q14982	67,78	18	4	3	Carbamidomethylation	33574	Opioid-binding protein/cell adhesion molecule Iso 3
170847	NX_P06312	67,49	37	3	3	Oxidation (M)	13380	Immunoglobulin kappa variable 4-1 Iso 1
75322	NX_Q06481	65,29	6	3	2	Carbamidomethylation	79238	Amyloid-like protein 2 Iso 4
3405	NX_P02746	65,27	11	2	2		26722	Complement C1q subcomponent subunit B Iso 1
170863	NX_A0A075B6P5	63,31	31	2	1	Carbamidomethylation	12957	Immunoglobulin kappa variable 2-28 Iso 1
170864	NX_P01615	63,31	31	2	1	Carbamidomethylation	12957	Immunoglobulin kappa variable 2D-28 Iso 1
124739	NX_Q96PD5	63,1	10	4	3	Carbamidomethylation	62217	N-acetylmuramoyl-L-alanine amidase Iso 1
3547	NX_Q15113	62,54	10	4	4	Carbamidomethylation	47973	Procollagen C-endopeptidase enhancer 1 Iso 1
14539	NX_P07195	62,26	10	3	3		36639	L-lactate dehydrogenase B chain Iso 1
170813	NX_P08697	60,56	16	6	6	Carbamidomethylation	54566	Alpha-2-antiplasmin Iso 1
26741	NX_P69905	59,72	33	4	4		15258	Hemoglobin subunit alpha Iso 1
170857	NX_P16070	59,1	5	2	2	Oxidation (M)	74388	CD44 antigen Iso 8
170850	NX_P61916	58,08	30	3	2	Carbamidomethylation	16570	Epididymal secretory protein E1 Iso 1
170827	NX_P51884	57,02	18	5	5	Carbamidomethylation	38429	Lumican Iso 1
170862	A0A0C4DH24	56,63	25	2	2		12430	Immunoglobulin kappa variable 6-21 Iso 1
170826	NX_P78324	56,51	11	4	4	Carbamidomethylation	55394	Tyrosine-protein phosphatase non-receptor type substrate 1 Iso 2

41790	NX_P19021	56,35	3	3	2		98762	Peptidyl-glycine alpha-amidating monooxygenase Iso 4
55354	NX_A0A075B6S5	55,94	25	2	1	Deamidation (NQ)	12712	Immunoglobulin kappa variable 1-27 Iso 1
170840	NX_A0A075B6Q5	54,96	22	3	1	Carbamidomethylation	12891	Immunoglobulin heavy variable 3-64 Iso 1
170865	NX_P27169	54,45	8	2	2	Carbamidomethylation	39731	Serum paraoxonase/arylesterase 1 Iso 1
4239	NX_Q9Y4C0	53,42	3	4	4	Carbamidomethylation	153885	Neurexin-3 4a
13944	NX_Q15904	52,24	9	3	3		52026	V-type proton ATPase subunit S1 Iso 1
170855	NX_P01624	51,97	23	2	2	Oxidation (M)	12496	Immunoglobulin kappa variable 3-15 Iso 1
28806	NX_P23471	51,85	3	3	3		162662	Receptor-type tyrosine-protein phosphatase zeta Iso 3
146000	NX_O95502	51,62	5	2	2		52846	Neuronal pentraxin receptor Iso 1
102137	NX_Q9BY67	51,36	10	3	3	Carbamidomethylation	48509	Cell adhesion molecule 1 Iso 1
4453	NX_P19022	51,12	3	2	2		99809	Cadherin-2 Iso 1
170867	NX_P01602	49,06	25	2	2		12782	Immunoglobulin kappa variable 1-5 Iso 1
170885	NX_P01825	44,92	22	2	2	Carbamidomethylation	12936	Immunoglobulin heavy variable 4-59 Iso 1
170886	NX_P0DNX_P08	44,92	21	2	2	Carbamidomethylation	13016	Immunoglobulin heavy variable 4-38-2 Iso 1
170887	NX_P0DNX_P06	44,92	21	2	2	Carbamidomethylation	13156	Immunoglobulin heavy variable 4-30-4 Iso 1
170888	NX_P0DNX_P07	44,92	21	2	2	Carbamidomethylation	13095	Immunoglobulin heavy variable 4-31 Iso 1
170889	NX_A0A0C4DH41	44,92	21	2	2	Carbamidomethylation	13066	Immunoglobulin heavy variable 4-61 Iso 1
170890	NX_P06331	44,92	20	2	2	Carbamidomethylation	13815	Immunoglobulin heavy variable 4-34 Iso 1
170891	NX_P01824	44,92	20	2	2	Carbamidomethylation	13917	Immunoglobulin heavy variable 4-39 Iso 1
55358	NX_A0A0C4DH72	44,1	26	2	1		12697	Immunoglobulin kappa variable 1-6 Iso 1
170926	NX_A0A0C4DH73	43,66	15	1	1		12645	Immunoglobulin kappa variable 1-12 Iso 1
170927	NX_P01611	43,66	15	1	1		12620	Immunoglobulin kappa variable 1D-12 Iso 1
170892	NX_P01619	43,12	16	1	1		12557	Immunoglobulin kappa variable 3-20 Iso 1
170928	NX_P04216	42,76	9	1	1	Carbamidomethylation	17935	Thy-1 membrane glycoprotein Iso 1
170869	NX_Q15818	42,47	6	2	2		47122	Neuronal pentraxin-1 Iso 1
170895	NX_A0A0C4DH25	42,06	16	1	1		12515	Immunoglobulin kappa variable 3D-20 Iso 1
170930	NX_Q96FE7	41,55	9	1	1	Carbamidomethylation	18491	Phosphoinositide-3-kinase-interacting protein 1 Iso 4
170878	NX_Q8TAG5	40,85	8	2	2		25833	V-set and transmembrane domain-containing protein 2A Iso 1
170871	NX_P13473	37,34	4	2	2	Carbamidomethylation	44956	Lysosome-associated membrane glycoprotein 2 LAMP-2B
170880	NX_Q7Z3B1	35,42	12	2	2	Carbamidomethylation	24733	Neuronal growth regulator 1 Iso 2

690	NX_P01591	34,45	9	1	1	Carbamidomethylation	18099	Immunoglobulin J chain Iso 1
139039	NX_O75326	34,2	4	2	2	Carbamidomethylation	73364	Semaphorin-7A Iso 2
170853	NX_Q16610	32,68	8	3	3	Carbamidomethylation	60674	Extracellular matrix protein 1 Iso 1
170898	NX_Q13449	32,6	10	2	2	Carbamidomethylation	37394	Limbic system-associated membrane protein Iso 1
170938	NX_Q9GZM5	32,47	3	1	1		38248	Protein YIPF3 Iso 1
100830	NX_P54289	31,77	2	2	1		121889	Voltage-dependent calcium channel subunit alpha-2/delta-1 Iso 4
281	NX_O43790	31,65	3	2	2		53501	Keratin type II cuticular Hb6 Iso 1
282	NX_P78385	31,65	3	2	2		54195	Keratin type II cuticular Hb3 Iso 1
283	NX_Q14533	31,65	3	2	2		54928	Keratin type II cuticular Hb1 Iso 1
289	NX_P78386	31,65	3	2	2		55802	Keratin type II cuticular Hb5 Iso 1
170940	NX_P09486	30,86	10	1	1	Carbamidomethylation	34632	SPARC Iso 1
170947	NX_O60888	27,32	9	1	1		16833	Protein CutA C
170951	NX_A0A0C4DH38	26,6	10	1	1		12675	Immunoglobulin heavy variable 5-51 Iso 1
170954	NX_P01700	26,43	11	1	1		12284	Immunoglobulin lambda variable 1-47 Iso 1
170900	NX_P01033	26,14	6	1	1		23171	Metalloproteinase inhibitor 1 Iso 1
125505	NX_P00748	22,64	4	1	1	Carbamidomethylation	67792	Coagulation factor XII Iso 1
175480	NX_P02747	82,31	23	5	4		25774	Complement C1q subcomponent subunit C Iso 1
175481	NX_P05156	81,33	9	4	4	Carbamidomethylation	65750	Complement factor I Iso 1
15	NX_P13647	62,84	9	5	1	Carbamidomethylation	62378	Keratin type II cytoskeletal 5 Iso 1
75921	NX_P12259	50,83	1	2	2		251701	Coagulation factor V Iso 1
170822	NX_A0A0C4DH42	50,02	39	4	1	Carbamidomethylation		
175483	NX_O94772	47,14	22	3	3	Carbamidomethylation	14669	Lymphocyte antigen 6H Iso 1
171035	NX_A0A0C4DH34	45,56	15	2	1	Carbamidomethylation	13124	Immunoglobulin heavy variable 4-28 Iso 1
43023	NX_P20774	41,45	12	4	4	Carbamidomethylation	33922	Mimecan Iso 1
1211	NX_O94856	23,22	2	1	1	Carbamidomethylation	69565	Neurofascin Iso 2
73683	NX_Q9Y6R7	23,08	0	1	1		572021	IgGfc-binding protein Iso 1
175508	NX_P29622	21,59	2	1	1		48542	Kallistatin Iso 1
170919	NX_P06310-1	35,31	11	1	1		13185	Immunoglobulin kappa variable 2-30 Iso 1
170920	NX_A0A075B6S6-1	35,31	11	1	1		13215	Immunoglobulin kappa variable 2D-30 Iso 1
1577	NX_P07225-1	22,69	3	2	2		75123	Vitamin K-dependent protein S Iso 1

170921	NX_P01614-1	35.31	11	1	1		13310	Immunoglobulin kappa variable 2D-40 Iso 1
170922	NX_A0A087WW87-1	35.31	11	1	1		13310	Immunoglobulin kappa variable 2-40 Iso 1
72514	NX_P02452-1	31.04	2	2	1	Carbamidomethylation	138942	Collagen alpha-1(I) chain Iso 1
175482	NX_P01717-1	70.72	36	3	3	Carbamidomethylation	12011	Immunoglobulin lambda variable 3-25 Iso 1
15649	NX_P19827-1	68.08	9	6	5		101389	Inter-alpha-trypsin inhibitor heavy chain H1 Iso 1
1903	NX_P05543-1	52.85	7	3	2		46325	Thyroxine-binding globulin Iso 1
170923	NX_A0A075B6R2-1	44.92	14	1	1	Carbamidomethylation	12848	Immunoglobulin heavy variable 4-4 Iso 1
170941	NX_P61278-1	30.02	9	1	1		12736	Somatostatin Iso 1
13529	NX_P07357-1	25.64	2	1	1		65163	Complement component C8 alpha chain Iso 1
170917	NX_P01714-1	20.23	8	1	1	Carbamidomethylation	12042	Immunoglobulin lambda variable 3-19 Iso 1
31	NX_P63261-1	59.85	7	2	1		41793	Actin cytoplasmic 2 Iso 1
32	NX_P60709-1	59.85	7	2	1		41737	Actin cytoplasmic 1 Iso 1

Sorted CSF

Protein ID	Accession	-10lgP	Coverage (%)	#Peptides	#Unique	PTM	Avg. Mass	Description
2	NX_P04264	267,15	57	59	41	Carbamidomethylation	66039	Keratin type II cytoskeletal 1 Iso 1
1	NX_P13645	262,33	65	73	59	Carbamidomethylation	58827	Keratin type I cytoskeletal 10 Iso 1
3	NX_P35908	244,89	63	50	35	Carbamidomethylation	65433	Keratin type II cytoskeletal 2 epidermal Iso 1
6	NX_P35527	239,46	81	68	66	Carbamidomethylation	62064	Keratin type I cytoskeletal 9 Iso 1
7	NX_P02768	220,06	59	48	48	Carbamidomethylation	69367	Serum albumin Iso 1
10	NX_P02533	190	52	31	5	Carbamidomethylation	51562	Keratin type I cytoskeletal 14 Iso 1
11	NX_P08779	174,97	55	31	10	Carbamidomethylation	51268	Keratin type I cytoskeletal 16 Iso 1
282	NX_P78385	169,3	47	36	3	Carbamidomethylation	54195	Keratin type II cuticular Hb3 Iso 1
15	NX_P13647	169,21	42	36	21	Carbamidomethylation	62378	Keratin type II cytoskeletal 5 Iso 1
13	NX_P02538	166,75	42	32	1	Carbamidomethylation	60045	Keratin type II cytoskeletal 6A Iso 1
289	NX_P78386	159,74	43	34	9	Carbamidomethylation	60045	Keratin type II cytoskeletal 6A Iso 1

71	NX_Q15323	158,54	38	26	3	Carbamidomethylation	47237	Keratin type I cuticular Ha1 Iso 1
77	NX_Q14525	142,73	28	18	2	Carbamidomethylation	46214	Keratin type I cuticular Ha3-II Iso 1
27	NX_P13646	137,73	16	12	1	Deamidation (NQ)	45867	Keratin type I cytoskeletal 13 Iso 3
113	NX_Q92764	131,2	21	18	2	Carbamidomethylation	50361	Keratin type I cuticular Ha5 Iso 1
17	NX_Q7Z794	126,18	26	18	10	Carbamidomethylation	61901	Keratin type II cytoskeletal 1b Iso 1
100	NX_O76013	112,95	21	11	4	Carbamidomethylation	47485	Keratin type I cuticular Ha6 Iso 2
60	NX_Q8NHM4	111,87	23	10	1	Carbamidomethylation	26537	Putative trypsin-6 Iso 1
61	NX_P07477	109,12	20	9	2	Carbamidomethylation	26558	Trypsin-1 Iso 1
122	NX_P02787	105,91	17	10	10	Carbamidomethylation	77064	Serotransferrin Iso 1
145	NX_Q9NSB4	96,04	9	7	3	Carbamidomethylation	56653	Keratin type II cuticular Hb2 Iso 1
75173	NX_P02671	93,54	8	6	6		94973	Fibrinogen alpha chain Iso 1
29	NX_Q8N1N4	90,97	14	10	5	Carbamidomethylation	56866	Keratin type II cytoskeletal 78 Iso 1
130	NX_Q86YZ3	82,12	2	3	3		282389	Hornerin Iso 1
70	NX_P15924	79,21	2	4	4	Carbamidomethylation	260116	Desmoplakin DPII
30	NX_Q5T749	78,44	8	6	5	Carbamidomethylation	64136	Keratinocyte proline-rich protein Iso 1
75	NX_P35030	77,72	21	8	3	Carbamidomethylation	25924	Trypsin-3 Iso 5
31	NX_P63261	77,49	10	4	4		41793	Actin cytoplasmic 2 Iso 1
32	NX_P60709	77,49	10	4	4		41737	Actin cytoplasmic 1 Iso 1
43	NX_P01834	75,29	33	3	3		11765	Immunoglobulin kappa constant Iso 1
150	NX_P01857	72,26	15	4	4	Carbamidomethylation	36106	Immunoglobulin heavy constant gamma 1 Iso 1
893	NX_P02675	71,28	16	6	6	Carbamidomethylation	55928	Fibrinogen beta chain Iso 1
87049	NX_P02649	70,89	11	3	3	Carbamidomethylation	36154	Apolipoprotein E Iso 1
38	NX_Q08188	70,62	6	4	4		76632	Protein-glutamine gamma-glutamyltransferase E Iso 1
124496	NX_Q9BYT5	69,56	21	3	3	Carbamidomethylation	12957	Keratin-associated protein 2-2 Iso 1
124497	NX_P0C7H8	69,56	20	3	3	Carbamidomethylation	13480	Keratin-associated protein 2-3 Iso 1
124498	NX_Q9BYR9	69,56	20	3	3	Carbamidomethylation	13480	Keratin-associated protein 2-4 Iso 1
124499	NX_Q9BYU5	69,56	20	3	3	Carbamidomethylation	13514	Keratin-associated protein 2-1 Iso 1
87050	NX_P01009	68,78	8	2	2		40263	Alpha-1-antitrypsin Iso 2
57	NX_Q02413	62,46	4	3	3		113748	Desmoglein-1 Iso 1
147	NX_P04406	58,22	10	4	4	Carbamidomethylation	36053	Glyceraldehyde-3-phosphate dehydrogenase Iso 1
135	NX_P81605	52,19	20	2	2		11284	Dermcidin Iso 1
124504	NX_Q9BYR7	47,22	12	1	1	Carbamidomethylation	10407	Keratin-associated protein 3-2 Iso 1
124505	NX_Q9BYR6	47,22	12	1	1	Carbamidomethylation	10365	Keratin-associated protein 3-3 Iso 1
660	NX_Q08554	46,59	3	2	2	Carbamidomethylation	93835	Desmocollin-1 1B
144443	NX_P02679	45,6	5	2	2	Carbamidomethylation	49497	Fibrinogen gamma chain Gamma-A
23	NX_P25311	44,49	7	2	2	Carbamidomethylation	34259	Zinc-alpha-2-glycoprotein Iso 1
111	NX_P31944	43,47	11	3	2		27680	Caspase-14 Iso 1
46	NX_P01877	42,51	6	2	2		36591	Immunoglobulin heavy constant alpha 2 Iso 1

20	NX_P01876	42,51	5	2	2		37655	Immunoglobulin heavy constant alpha 1 Iso 1
66	NX_P12273	41,52	18	2	2	Carbamidomethylation	16572	Prolactin-inducible protein Iso 1
144445	NX_P07998	40,58	7	1	1	Carbamidomethylation	17644	Ribonuclease pancreatic Iso 1
128	NX_Q5D862	39,2	1	2	2		248072	Filaggrin-2 Iso 1
114	NX_Q6KB66	37,04	4	2	1		47242	Keratin type II cytoskeletal 80 Iso 2
149	NX_P05090	24,19	4	1	1		21276	Apolipoprotein D Iso 1
131254	NX_P04156	22,14	4	1	1		26885	Major prion protein Iso 2
175	NX_P20930	54,95	0	2	2		435180	Filaggrin Iso 1
87052	NX_P02766	38	9	1	1		15887	Transthyretin Iso 1
39445	NX_P0CG47	27,52	7	1	1		25762	Polyubiquitin-B Iso 1
13067	NX_P0CG48	27,52	2	1	1		77039	Polyubiquitin-C Iso 1

Ultra-centrifugated CSF

Protein ID	Accession	-10lgP	Coverage (%)	#Peptides	#Unique	PTM	Avg. Mass	Description
7	NX_P02768	265,25	65	62	61	Carbamidomethylation	69367	Serum albumin Iso 1
1	NX_P13645	250,3	56	54	41	Carbamidomethylation	58827	Keratin type I cytoskeletal 10 Iso 1
3	NX_P35908	246,69	57	47	29	Carbamidomethylation	65433	Keratin type II cytoskeletal 2 epidermal Iso 1
2	NX_P04264	245,2	51	47	30	Carbamidomethylation	66039	Keratin type II cytoskeletal 1 Iso 1
6	NX_P35527	215,94	46	33	31	Deamidation (NQ)	62064	Keratin type I cytoskeletal 9 Iso 1
10	NX_P02533	178,98	49	27	6	Carbamidomethylation	51562	Keratin type I cytoskeletal 14 Iso 1
15	NX_P13647	168,15	31	29	12	Carbamidomethylation	62378	Keratin type II cytoskeletal 5 Iso 1
12	NX_P48668	161,48	37	28	2	Carbamidomethylation	60025	Keratin type II cytoskeletal 6C Iso 1
75173	NX_P02671	160,93	21	17	15	Deamidation (NQ)	94973	Fibrinogen alpha chain Iso 1
11	NX_P08779	155,71	30	17	2	Carbamidomethylation	51268	Keratin type I cytoskeletal 16 Iso 1
16	NX_Q04695	146,39	25	16	1	Carbamidomethylation	48106	Keratin type I cytoskeletal 17 Iso 1
122	NX_P02787	143,87	24	13	13	Carbamidomethylation	77064	Serotransferrin Iso 1
87049	NX_P02649	131,48	35	12	12	Carbamidomethylation	36154	Apolipoprotein E Iso 1
60	NX_Q8NHM4	131,39	22	9	1	Carbamidomethylation	26537	Putative trypsin-6 Iso 1
893	NX_P02675	129,43	22	11	11	Carbamidomethylation	55928	Fibrinogen beta chain Iso 1
61	NX_P07477	125,92	20	7	1	Carbamidomethylation	26558	Trypsin-1 Iso 1

17	NX_Q7Z794	117,58	14	10	3	Carbamidomethylation	61901	Keratin type II cytoskeletal 1b Iso 1
99638	NX_P02647	115,79	31	7	7		30778	Apolipoprotein A-I Iso 1
144443	NX_P02679	106,41	18	6	6	Carbamidomethylation	49497	Fibrinogen gamma chain Gamma-A
149	NX_P05090	100,64	29	5	5	Carbamidomethylation	21276	Apolipoprotein D Iso 1
87065	NX_P10909	86,5	15	6	6	Deamidation (NQ)	52495	Clusterin Iso 1
80	NX_P35030	85,33	18	7	2	Carbamidomethylation	32529	Trypsin-3 Iso 1
29	NX_Q8N1N4	83,28	5	5	1	Carbamidomethylation	56866	Keratin type II cytoskeletal 78 Iso 1
43	NX_P01834	75,39	50	4	4	Carbamidomethylation	11765	Immunoglobulin kappa constant Iso 1
30	NX_Q5T749	66,42	10	5	5	Carbamidomethylation	64136	Keratinocyte proline-rich protein Iso 1
130	NX_Q86YZ3	64,67	1	1	1		282389	Hornerin Iso 1
18328	NX_P02751	62,56	2	3	3		246686	Fibronectin Iso 9
87076	NX_P06396	57,91	6	3	3		80641	Gelsolin Iso 2
281	NX_O43790	55,62	5	3	1		53501	Keratin type II cuticular Hb6 Iso 1
282	NX_P78385	55,62	5	3	1		54195	Keratin type II cuticular Hb3 Iso 1
135	NX_P81605	54,58	10	1	1		11284	Dermcidin Iso 1
57	NX_Q02413	51,35	2	2	2		113748	Desmoglein-1 Iso 1
31	NX_P63261	46,92	6	2	2		41793	Actin cytoplasmic 2 Iso 1
32	NX_P60709	46,92	6	2	2		41737	Actin cytoplasmic 1 Iso 1
50	NX_P63267	46,92	6	2	2		41877	Actin gamma-enteric smooth muscle Iso 1
51	NX_P62736	46,92	6	2	2		42009	Actin aortic smooth muscle Iso 1
52	NX_P68032	46,92	6	2	2		42019	Actin alpha cardiac muscle 1 Iso 1
53	NX_P68133	46,92	6	2	2		42051	Actin alpha skeletal muscle Iso 1
150	NX_P01857	46,87	6	2	2		36106	Immunoglobulin heavy constant gamma 1 Iso 1
87774	NX_P41222	44,04	7	2	1	Carbamidomethylation	21029	Prostaglandin-H2 D-isomerase Iso 1
4816	NX_Q03001	41,9	0	2	1	Deamidation (NQ)	860679	Dystonin Iso 1
87050	NX_P01009	40,28	5	1	1		40263	Alpha-1-antitrypsin Iso 2
128	NX_Q5D862	39,79	1	1	1		248072	Filaggrin-2 Iso 1
214	NX_Q5T750	37,3	3	1	1		26238	Skin-specific protein 32 Iso 1
164113	NX_P04004	36,92	2	1	1	Carbamidomethylation	54306	Vitronectin Iso 1
134	NX_P68871	33,68	9	1	1		15998	Hemoglobin subunit beta Iso 1
54	NX_P07355	30,24	3	1	1		38604	Annexin A2 Iso 1

376	NX_Q9P0W8	20,46	2	1	1		51931	Spermatogenesis-associated protein 7 Iso 3
39	NX_Q14CN4	76,24	7	5	1	Oxidation (M)	51124	Keratin type II cytoskeletal 72 Iso 3
170746	NX_Q9UBP4	73,16	9	3	3	Carbamidomethylation	38390	Dickkopf-related protein 3 Iso 1
67	NX_P05109	47,25	20	2	2	Carbamidomethylation	10835	Protein S100-A8 Iso 1
1466	NX_P02686	39,37	13	2	2	Oxidation (M)	18591	Myelin basic protein Iso 5
38	NX_Q08188	39,31	3	2	2		76632	Protein-glutamine gamma-glutamyltransferase E Iso 1
23	NX_P25311	36	7	2	2	Carbamidomethylation	34259	Zinc-alpha-2-glycoprotein Iso 1
46	NX_P01877	30,1	3	1	1		36591	Immunoglobulin heavy constant alpha 2 Iso 1
20	NX_P01876	30,1	3	1	1		37655	Immunoglobulin heavy constant alpha 1 Iso 1