

Protein 1: Troponin alpha-1 chain OS=Liza aurata PE=1 SV=1

Accession: TPM1_LIZAU

Database: SwissProt

Seq. Coverage [%]: 80.30 %

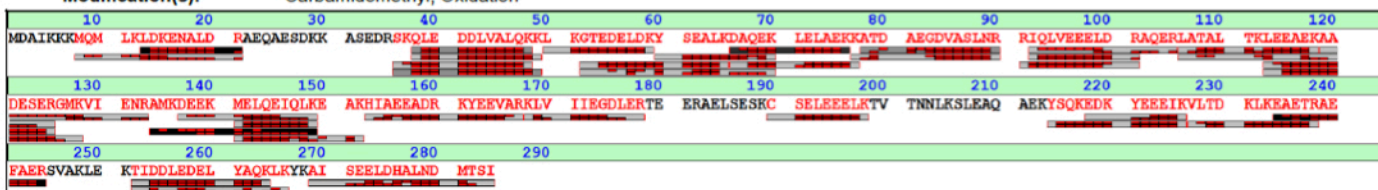
Score: 2115.12

MW [kDa]: 32.70

pI: 4.54

No. of Peptides: 36

Modification(s): Carbamidomethyl, Oxidation



Cmpd	No. of Cmpds.	m/z meas.	Δ m/z [ppm]	z	Rt [min]	Score	P	Range	Sequence	Modification
2160	1	579.6210	-10.60	3	14.37	42.47	2	8-21	K.MQMLKLDKENALDR.A	Oxidation: 1, 3
783	3	537.2781	-8.90	2	9.78	57.07	1	13-21	K.LDKENALDRA	
3030	4	743.9015	-10.38	2	17.28	73.01	1	36-48	R.SKQLEDDLVALQK.K	
3559	1	807.9500	-8.35	2	19.07	70.44	2	36-49	R.SKQLEDDLVALQKK.L	
4429	9	636.3388	-10.95	2	22.17	65.67	0	38-48	K.QLEDDLVALQK.K	
3874	2	700.3870	-8.82	2	20.17	45.42	1	38-49	K.QLEDDLVALQKK.L	
828	1	574.2899	-10.05	2	9.93	35.36	1	50-59	K.LKGTEDLDK.Y	
3906	1	799.3749	-10.36	2	20.27	38.13	1	52-65	K.GTEDELDKYSEALK.D	
4269	1	723.6727	-7.33	3	21.55	32.00	2	52-70	K.GTEDELDKYSEALKDAQEK.L	
1003	1	641.3127	-10.95	2	10.52	44.57	1	60-70	K.YSEALKDAQEK.L	
2079	1	637.3279	-11.72	2	14.10	41.61	1	66-76	K.DAQEKLELAEK.K	
1630	1	701.3786	-6.03	2	12.60	45.40	2	66-77	K.DAQEKLELAEK.K	
1846	3	723.8557	-9.87	2	13.33	40.83	1	77-90	K.KATDAEGDVASLNR.R	
2434	6	659.8095	-8.79	2	15.28	27.96	0	78-90	K.ATDAEGDVASLNR.R	
3669	1	700.3723	-11.95	2	19.43	22.56	1	91-101	R.RIQLVEEELDR.A	
4052	1	622.3240	-9.68	2	20.78	53.39	0	92-101	R.IQLVEEELDR.A	
3384	2	576.6299	-9.92	3	18.47	38.42	1	92-105	R.IQLVEEELDRAQER.L	
3723	2	708.8940	-9.70	2	19.62	97.22	1	106-118	R.LATALTKLEEAQK.A	
4442	1	725.7023	-9.96	3	22.22	37.13	2	106-125	R.LATALTKLEEAQKAADESER.G	
820	3	738.8373	-9.38	2	9.90	69.92	1	113-125	K.LEEAQKAADESER.G	
800	2	904.9130	-7.91	2	9.83	58.75	2	113-128	K.LEEAQKAADESERGMK.V	Oxidation: 15
863	1	574.2741	-12.00	3	10.05	28.69	2	119-133	K.AADESERGMKVIENR.A	Oxidation: 9
3106	3	665.6575	-9.65	3	17.53	40.84	2	134-149	R.AMKDEEKMELQEIQLK.E	Oxidation: 2, 8
3503	1	550.2684	-11.67	3	18.85	24.14	1	137-149	K.DEEKMELQEIQLK.E	Oxidation: 5
3371	2	574.2983	-11.71	2	18.42	59.34	0	141-149	K.MELQEIQLK.E	Oxidation: 1
2814	1	738.3860	-8.60	2	16.55	25.07	1	141-152	K.MELQEIQK.EAK.H	Oxidation: 1
1780	1	908.4419	-12.05	2	13.12	38.18	2	153-167	K.HIAEEADRKYEEVAR.K	
4089	1	642.8738	-9.25	2	20.92	22.64	1	168-178	R.KLVIIEGDLER.T	
2855	1	568.7540	-11.71	2	16.68	42.96	0	190-198	K.CSELEELK.T	Carbamidomethyl: 1
1517	1	844.8973	-8.34	2	12.23	60.44	2	214-226	K.YSQKEDKYEEIEK.V	
1426	1	591.7726	-12.23	2	11.92	23.84	1	218-226	K.EDKYEEIEK.V	
1987	1	701.8931	-7.86	2	13.80	55.41	2	227-238	K.VLTDKLEAETRA	
1260	1	654.8065	-9.24	2	11.37	37.85	1	234-244	K.EAETRAEFAER.S	
3664	9	776.8660	-8.40	2	19.43	89.27	0	252-264	K.TIDDLEDELYAQK.L	
4800	1	897.4554	-7.32	2	23.90	33.42	1	252-266	K.TIDDLEDELYAQK.L.Y	
4874	4	887.9039	-8.89	2	24.28	53.61	0	269-284	K.AISELDHALNDMTS.L	Oxidation: 13