

BIOLYNX - PROTEIN REPORT – Cytochrome C (horse)

Source: Swissprot P01012; Mods: Cys-CAM; printed: Thu Jun 09, 2005

Average Mass = 11815.6814, Monoisotopic Mass = 11808.1789; N-Terminus = H, C-Terminus = OH

Modified amino acids: CAM(Z) = CAM Cysteine; Digest: Trypsin:/K-AP /R-AP

Frag#	Res#	Sequence	Theor(Bo)	[M+H]	[M+2R]	[M+3H]
T17	87-87	(K)K(K)	146.11	147.11	74.06	49.71
T3	8-8	(K)K(I)	146.11	147.11	74.06	49.71
T21	100-100	(K)K(A)	146.11	147.11	74.06	49.71
T14	73-73	(K)K(Y)	146.11	147.11	74.06	49.71
T9	39-39	(R)K(T)	146.11	147.11	74.06	49.71
T18	88-88	(K)K(T)	146.11	147.11	74.06	49.71
T2	6-7	(K)GK(K)	203.13	204.13	102.57	68.72
T11	54-55	(K)NK(G)	260.15	261.16	131.08	87.72
T6	23-25	(K)GGK(H)	260.15	261.16	131.08	87.72
T17-18	87-88	(K)KK(T)	274.20	275.21	138.11	92.41
T7	26-27	(K)HK(T)	283.16	284.17	142.59	95.40
T2-3	6-8	(K)GKK(I)	331.22	332.23	166.62	111.42
T19	89-91	(K)TER(E)	404.20	405.21	203.11	135.74
T22	101-104	(K)ATNE(-)	433.18	434.19	217.60	145.40
T6-7	23-27	(K)GGKHK(T)	525.30	526.31	263.66	176.11
T18-19	88-91	(K)KTER(E)	532.30	533.30	267.16	178.44
T1	1-5	(-)GDVEK(G)	546.26	547.27	274.14	183.10
T21-22	100-104	(K)KATNE(-)	561.28	562.28	281.65	188.10
T12	56-60	(K)GITWK(E)	603.34	604.35	302.68	202.12
T4	9-13	(K)IFVQK(Z)	633.38	634.39	317.70	212.14
T15	74-79	(K)YIPGTK(M) I	677.37	678.38	339.70	226.80
T1-2	1-7	(-)GDVEKGG(K)	731.38	732.39	366.70	244.80
T3-4	8-13	(K)KIFVQK(Z)	761.48	762.49	381.75	254.83
T16	80-86	(K)MIFAGIK(K)	778.44	779.45	390.23	260.49
T14-15	73-79	(K) KYIPGTK(M)	805.47	806.48	403.74	269.50
T11-12	54-60	(K)NKGITWK(E)	845.48	846.48	423.75	282.83
T16-17	80-87	(K)MIFAGIKK(K)	906.54	907.54	454.28	303.19
T20	92-99	(R)EDLIAYLK(K)	963.53	964.54	482.77	322.18
T20-21	92-100	(R)EDLIAYLKK(A)	1091.62	1092.63	546.82	364.88
T5	4-22	(K)ZAQZHTVEK(G)	1131.48	1132.49	566.75	378.17
T8	28-38	(K)TGPNLHGLFGR(K)	1167.61	1168.62	584.82	390.21
T8-9	28-39	(K)TGPNLHGLFGRK(T)	1295.71	1296.72	648.86	432.91
T19-20	89-99	(K)TEREDLIAYLK(K)	1349.72	1350.73	675.87	450.91

Frag#	Res#	Sequence	Theor(Bo)	[M+H]	[M+2R]	[M+3H]
T5-6	14-25	(K)ZAQZHTVEKGGK(H)	1373.62	1374.63	687.82	458.88
T7-8	26-38	(K)HKTGPNLHGLFGR(K)	1432.77	1433.78	717.39	478.60
T15-16	74-86	(K)YIPGTKMIFAGIK(K)	1437.81	1438.81	719.91	480.28
T10	40-53	(K)TGQAPGFYTDANK(N)	1469.68	1470.69	735.85	490.90
T13	61-72	(K)EETLMEYLENPK(K)	1494.69	1495.70	748.35	499.24
T9-10	39-53	(R)KTGQAPGFYTDANK(N)	1597.77	1598.78	799.89	533.60
T13-14	61-73	(K)EETLMEYLENPKK(Y)	1622.79	1623.79	812.40	541.94
T10-11	40-55	(K)TGQAPGFYTDANKNK(G)	1711.82	1712.82	856.92	571.61
T4-5	9-22	(K)IFVQKZAQZHTVEK(G)	1746.85	1747.86	874.44	583.29
T12-13	56-72	(K)GITWKEETLMEYLENPK(K)	2080.02	2081.03	1041.02	694.35