

A

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Gg_EDMTFH 1 MTFHREFYNDEHYSPFCQEDLHGLWGLNDHREKHL YGLHRDHHHDYNQHW
Hs_KAP7-1 1 MTRYFCCGSYFPGYPIYGTNFHGTFRATPLNCVVPLGSPLNYGCGCN---
          ** : . * .: ** : . . * :: *

Gg_EDMTFH 51 SPYGYNRSFGSLYGNRSLSSHGGYYGHGDFFGFGRHRHPYFSQFGHRYWY
Hs_KAP7-1 48 ---GYS-SLGYSFGGSNINNLGGCYGGSFYRPWGSG----SGFGYST-Y
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B

Gg_EDMTFH

Number of amino acids: 99
 Molecular weight: 12175.1
 Theoretical pI: 6.94
 Amino acid composition:

Ala (A)	0	0.0%
Arg (R)	7	7.1%
Asn (N)	5	5.1%
Asp (D)	6	6.1%
Cys (C)	1	1.0%
Gln (Q)	3	3.0%
Glu (E)	3	3.0%
Gly (G)	13	13.1%
His (H)	15	15.2%
Ile (I)	0	0.0%
Leu (L)	7	7.1%
Lys (K)	1	1.0%
Met (M)	1	1.0%
Phe (F)	10	10.1%
Pro (P)	3	3.0%
Ser (S)	8	8.1%
Thr (T)	1	1.0%
Trp (W)	3	3.0%
Tyr (Y)	12	12.1%
Val (V)	0	0.0%
Aromatic		40.4%

C

Hs_KAP7-1

Number of amino acids: 87
 Molecular weight: 9288.3
 Theoretical pI: 8.57
 Amino acid composition:

Ala (A)	1	1.1%
Arg (R)	3	3.4%
Asn (N)	7	8.0%
Asp (D)	0	0.0%
Cys (C)	6	6.9%
Gln (Q)	0	0.0%
Glu (E)	0	0.0%
Gly (G)	19	21.8%
His (H)	1	1.1%
Ile (I)	2	2.3%
Leu (L)	5	5.7%
Lys (K)	0	0.0%
Met (M)	1	1.1%
Phe (F)	7	8.0%
Pro (P)	6	6.9%
Ser (S)	10	11.5%
Thr (T)	5	5.7%
Trp (W)	1	1.1%
Tyr (Y)	11	12.6%
Val (V)	2	2.3%
Aromatic		22.8%