PEPSTATS of EMBOSS_001 from 1 to 193

Molecular weight = 20774.45 Residues = 193
Average Residue Weight = 107.640 Charge = -2.5
Isoelectric Point = 5.2691
A280 Molar Extinction Coefficients = 33460 (reduced) 33585 (cystine bridges)
A280 Extinction Coefficients 1mg/ml = 1.611 (reduced) 1.617 (cystine bridges)
Improbability of expression in inclusion bodies = 0.512

Residue	Number	Mole%	DayhoffStat
A = Ala	30	15.544	1.807
B = Asx	0	0.000	0.000
C = Cys	2	1.036	0.357
D = Asp	8	4.145	0.754
E = Glu	13	6.736	1.123
F = Phe	12	6.218	1.727
G = Gly	21	10.881	1.295
H = His	3	1.554	0.777
I = Ile	1	0.518	0.115
J = ---	0	0.000	0.000
K = Lys	4	2.073	0.314
L = Leu	17	8.808	1.190
M = Met	4	2.073	1.219
N = Asn	3	1.554	0.361
O = ---	0	0.000	0.000
P = Pro	8	4.145	0.797
Q = Gln	9	4.663	1.196
R = Arg	13	6.736	1.375
S = Ser	9	4.663	0.666
T = Thr	11	5.699	0.934
U = ---	0	0.000	0.000
V = Val	16	8.290	1.256
W = Trp	5	2.591	1.993
X = Xaa	0	0.000	0.000
Y = Tyr	4	2.073	0.610
Z = Glx	0	0.000	0.000

Property	Residues	Number	Mole%
Tiny	(A+C+G+S+T)	73	37.824
Small	(A+B+C+D+G+N+P+S+T+V)	108	55.959
Aliphatic	(A+I+L+V)	64	33.161
Aromatic	(F+H+W+Y)	24	12.435
Non-polar	(A+C+F+G+I+L+M+P+V+W+Y)	120	62.176
Polar	(D+E+H+K+N+Q+R+S+T+Z)	73	37.824
Charged	(B+D+E+H+K+R+Z)	41	21.244
Basic	(H+K+R)	20	10.363
Acidic	(B+D+E+Z)	21	10.881