

PROTEIN CALCULATOR v3.4

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hxb2

Accepted Sequence

PIVQNIQGQM	VHQAISPRTL	NAWVKVVEEK	AFSPEVIPMF	SALSEGATPQ	DLNTMLNTVG	60
GHQAAMQMLK	ETINEEAAEW	DRVHPVHAGP	IAPGQMREPR	GSDIAGTTST	LQEQIGWMTN	120
NPPIPVGEIY	KRWIILGLNK	IVRMYSPTSI	LDIRQGPKEP	FRDYVDRFYK	TLRAEQASQE	180
VKNWMTETLL	VQANAPDCKT	ILKALGPAAT	LEEMMTACQG	VGGPGHKARV	L	231

Isotopically Averaged Molecular Weight = 25893.0312

Extinction Coefficient

Extinction coefficient estimated by the method of Gill and von Hippel (*Analytical Biochemistry*, **182**: 319-326, 1989)

where lyophilized proteins were used to establish an absorbance curve based on the number of tyryptophans, tyrosines, and disulfide bonds. Units are in M-1 cm-1.

Wavelength	Molar Extinction w/o Disulfides	Molar Extinction w/ All Disulfides
278	33600	33727
279	33680	33800
280	33570	33690
282	32800	32900
