

PROTEIN CALCULATOR v3.4

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diHis gb1 (N15 labeled)

Accepted Sequence

MTYKLILNGK TLKGETTTEA VDAATAEHVF KHYANDNGVD GEWTYDDATK TFTVTE

56

Isotopically Averaged Molecular Weight = 6282.2676

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 typtophans, tyrosines, and disulfide bonds. Units are in M⁻¹ cm⁻¹.

Wavelength	Molar Extinction w/o Disulfides	Molar Extinction w/ All Disulfides
278	9800	9800
279	9695	9695
280	9530	9530
282	9200	9200
