

Recombinant Human BDNF Protein, His-tagged

Cat. No. BDNF-22H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BDNF Protein (Ala19–Arg128) was expressed in HEK293 cells with C-terminal His tag.
Species	Human
Source	HEK293
ProteinLength	19-128 a.a.
Form	Lyophilized (freeze-dried) powder
Molecular Mass	13.1 kDa
AA Sequence	APMKEANIRGQGGLAYPGVIRTHGTLESVNGPKAGSRGLTSLADTFEHVIEELDED QKVRPNEENNKDADLYTSRVMLSSQVPLEPPLLFLLEEYKNYLDAANMSMRVRRHH HHHH
Endotoxin	< 1.0 EU/g
Purity	> 95 %
Storage	Store lyophilized protein at -80 centigrade. Lyophilized protein remains stable until the expiry date when stored at -80 centigrade. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 centigrade for long term storage. Reconstituted protein can be stored at 4 centigrade for a week.

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Storage Buffer phosphate buffered saline.

Reconstitution Add 200 µof deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

GENE INFORMATION

Gene Name BDNF brain-derived neurotrophic factor [Homo sapiens]

Official Symbol BDNF

Synonyms BDNF; brain-derived neurotrophic factor; neurotrophin; abrineurin; MGC34632;

Gene ID 627

mRNA Refseq NM_001143805

Protein Refseq NP_001137277

MIM 113505

UniProt ID P23560

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