Recombinant Human BDNF Protein, MYC/DDK-tagged

Cat. No. BDNF-2466H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BDNF protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the nerve growth factor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. Binding of this protein to its cognate receptor promotes neuronal survival in the adult brain. Expression of this gene is reduced in Alzheimer's, Parkinson's, and Huntington's disease patients. This gene may play a role in the regulation of the stress response and in the biology of mood disorders.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	BDNF brain-derived neurotrophic factor [Homo sapiens]
Official Symbol	BDNF
Synonyms	ANON2; BULN2
Gene ID	627
mRNA Refseq	NM_001143805
Protein Refseq	NP_001137277
MIM	113505
UniProt ID	P23560

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