

Recombinant Full Length Human BDNF Protein, GST-tagged

Cat. No. BDNF-1566HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BDNF full-length ORF (AAH29795, 1 a.a. - 247 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	247 amino acids
Description	The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimers and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	52.91 kDa
AA Sequence	MTILFLTMVI SYFGCMKAAP MKEANIRGQG GLAYPGVRTH GTLESVNGPK AGSRGLTSLA DTFEHMIEEL LDEDQKVRPN EENNKDADLY TSRVMLSSQV PLEPPLLFL EEYKNYLDAA NMSMRVRRHS DPARRGELSV CDSISEWVTA ADKKTAVDMS GGTVTVLEKV PVSKGQLKQY FYKTKCNPMG YAKEGCRGID KRHWNSQCRT TQSYVRALTM DSKKRIGWRF IRIDTSCVCT LTIKRGR

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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