

## Recombinant Human BDNF protein, GST-tagged

Cat. No. BDNF-1855H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BDNF protein(130-179 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>ProteinLength</b>	130-179 aa
<b>Tag</b>	N-GST
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
<b>AA Sequence</b>	SDPARRGELSVCDSEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQ

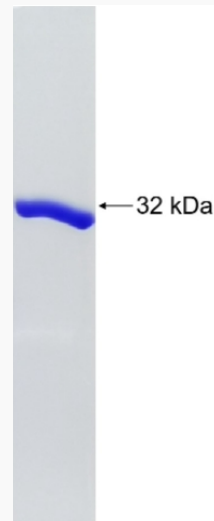
### GENE INFORMATION

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<b>Gene Name</b>	BDNF brain-derived neurotrophic factor [ Homo sapiens ]
<b>Official Symbol</b>	BDNF
<b>Synonyms</b>	BDNF; brain-derived neurotrophic factor; neurotrophin; abrineurin; MGC34632;
<b>Gene ID</b>	627
<b>mRNA Refseq</b>	NM_001143805
<b>Protein Refseq</b>	NP_001137277
<b>MIM</b>	113505
<b>UniProt ID</b>	P23560

**SDS-PAGE**

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