

Recombinant Horse BDNF protein, His-tagged

Cat. No. BDNF-546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Horse BDNF (Q0EAB7) aa. (Arg128~Arg247) fused with N-terminal His tag was produced in E. coli cells.
Species	Horse
Source	E.coli
ProteinLength	Arg128~Arg247
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	BDNF brain derived neurotrophic factor [Equus caballus (horse)]
Official Symbol	BDNF
Synonyms	BDNF; brain derived neurotrophic factor; brain-derived neurotrophic factor
Gene ID	100009689
mRNA Refseq	NM_001081787.1
Protein Refseq	NP_001075256.1
UniProt ID	Q0EAB7

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