

Recombinant Dog BDNF protein, His-tagged

Cat. No. BDNF-545D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog BDNF (Q7YRB4) aa. (Arg128~Ile243) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Arg128~Ile243
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.3.
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

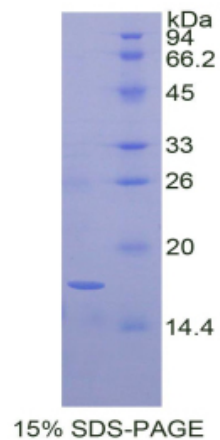
Gene Name	BDNF brain derived neurotrophic factor [Canis lupus familiaris (dog)]
Official Symbol	BDNF
Synonyms	BDNF; brain derived neurotrophic factor; brain-derived neurotrophic factor
Gene ID	403461
mRNA Refseq	NM_001002975.1
Protein Refseq	NP_001002975.1
UniProt ID	Q7YRB4

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SDS-PAGE



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