

Recombinant Pig BDNF protein, His-tagged

Cat. No. BDNF-551P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig BDNF (P14082) aa. (Pro20~Arg252) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Pro20~Arg252
Form	Freeze-dried powder
Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
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

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200g/mL

Storage buffer

PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Reconstitution

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

BDNF brain derived neurotrophic factor [*Sus scrofa* (pig)]

Official Symbol

BDNF

Synonyms

BDNF; brain derived neurotrophic factor; brain-derived neurotrophic factor

Gene ID

397495

mRNA Refseq

NM_214259.2

Protein Refseq

NP_999424.1

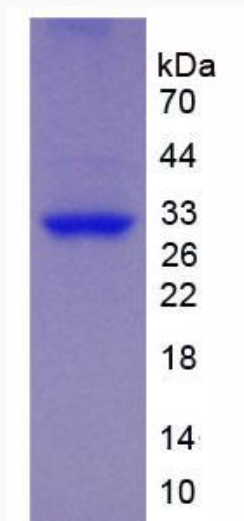
UniProt ID

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SDS-PAGE

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