

Brain Derived Neurotrophic Factor (BDNF) Recombinant Protein | BDNF recombinant protein

Recombinant Brain Derived Neurotrophic Factor (BDNF)

CATALOG # AAA150993	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Brain Derived Neurotrophic Factor (BDNF); Recombinant Brain Derived Neurotrophic Factor (BDNF); BDNF/Brain Derived Neurotrophic Factor; Neurotrophin; Abrineurin; BDNF recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for BDNF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala19~Arg247
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.

IMAGES



ADDITIONAL INFORMATION

Product Categories/Family for BDNF recombinant protein	Cytokine; Infection immunity; Neuro science; Prokaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114900
NCBI GeneID	627
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	Predicted Molecular Mass: 29.5kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Brain-derived neurotrophic factor
NCBI Official Synonym Full Names	brain-derived neurotrophic factor
NCBI Official Symbol	BDNF
NCBI Official Synonym Symbols	ANON2; BULN2
NCBI Protein Information	brain-derived neurotrophic factor; abrineurin; neurotrophin
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.