

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

Recombinant Brain Derived Neurotrophic Factor (BDNF)

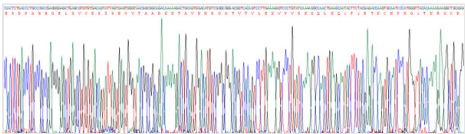
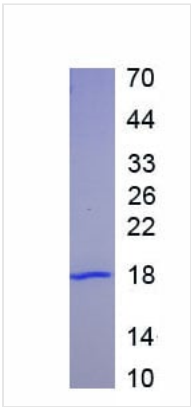
CATALOG # AAA152032	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	His129~Arg 247
Applicable Applications for BDNF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	10
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

Sequence

HS DPARRGELSV CDSISEWVTA
ADKKTAVDMS GGTVTVLEKV PVSKGQLKQY FYETKCNPMG YTKEGCRGID
KRHMNSQCRT TQSYVRALTM DSKKRIGWRF IRIDTSCVCT LTIKRGR

ADDITIONAL INFORMATION

Product Categories/Family for BDNF recombinant protein	Cytokine; Infection immunity; Neuro science; Prokaryotic Recombinant proteins/RP
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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	247
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.