

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

Recombinant Brain Derived Neurotrophic Factor (BDNF)

CATALOG # AAA134780	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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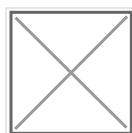
PRODUCT SYNONYMS

Brain Derived Neurotrophic Factor (BDNF); Recombinant Brain Derived Neurotrophic Factor (BDNF); BDNF recombinant protein

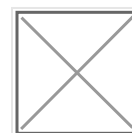
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithaN- terminalGS T-tag,itss equenceisl istedbelow . MSPIL GYWKIKGLVQ PTRLLLEYLE EKYEEHLYER DEGDKWRNKK FELGLEFPNL PYYIDGDVKL TQSMAIRYI ADKHNMLGGC PKERAEISML EGAVLDIRYG VSRIAYSKDF ETLKVDFLSK LPEMLKMFED RLCHKTYLNG DHVTHPDFML YDALDVVLYM DPMCLDAFPK LVCFFKKRIFA IPQIDKYLKS SKYIAWPLQG WQATFGGGDH PPKSDGGPLG SPEF-HSDPA RRGELSVCD SISEWVTAADK KTAVDMSGGT VTVLEKVPVS KGQLKQYFYE TKCNPMGYTK EGCRGIDKRH WNSQCRTTQS YVRALTMSDK KRIGWRFIRI DTSCVCTLT I KRGR
Sequence Length	247
Applicable Applications for BDNF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	His129~Arg247(Accession # P23560) with a N-terminal GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842288
NCBI GeneID	627
NCBI Accession #	NP_001137277.1
NCBI GenBank Nucleotide #	NM_001143805.1
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	40.0kDa
NCBI Official Full Name	brain-derived neurotrophic factor isoform a preproprotein
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.

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Online datasheet: <https://stage.aaabiotech.com/bdnf-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134780>