

BDNF recombinant protein

BDNF, 129-247aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48913	HOST E Coli	APPLICATIONS SDS-Page
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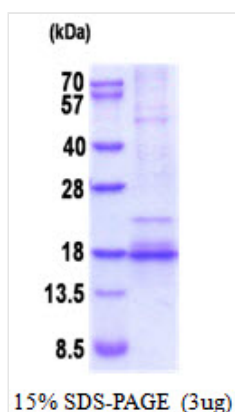
PRODUCT SYNONYMS

BDNF; 129-247aa; Human; His tag; E Coli (Denatured); Brain-derived neurotrophic factor isoform a; ANON2; BuLN2; BDNF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MHSDPARRGE LSVCDISEW VTAADKKTAV DMSGGTVTVL EKVPVSKGQL KQYFYETKCN PMGYTKEGCR GIDKRHWNSQ CRTTQSYVRA LTMDSKKRIG WRFIRIDTSC VCTLTIKRGR
Sequence Length	247
Applicable Applications for BDNF recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for BDNF recombinant protein	BDNF also known as Brain-derived neurotrophic factor. This protein is during development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability. Recombinant human BDNF protein, was expressed in E Coli.
Product Categories/Family for BDNF recombinant protein	Neuroscience
References	Egan M.F., et al (2003). Cell 112:257-269.; Ribases M., et al (2003). Mol. Psychiatry 8:745-751.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25306267
NCBI GeneID	627
NCBI Accession #	NP_001700
NCBI GenBank Nucleotide #	NM_001709.4
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	15.8 kDa (140aa)
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
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF

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-sds-page/48913>