

Precursor Brain-Derived Neurotrophic Factor Recombinant Protein | proBDNF recombinant protein

Recombinant Human Precursor Brain-Derived Neurotrophic Factor

CATALOG # AAA39011	HOST E Coli
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PRODUCT SYNONYMS

Precursor Brain-Derived Neurotrophic Factor; Recombinant Human Precursor Brain-Derived Neurotrophic Factor; proBDNF Human; Precursor Brain-Derived Neurotrophic Factor Human Recombinant; proBDNF; Precursor Form Brain-derived Neurotrophic Factor; proBDNF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	proBDNF was lyophilized from a concentrated (0.5mg/ml) solution in 20mM PB, pH 8.0 and 500mM NaCl. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obeMet-Ala -Pro-Met-L ys
Sequence Length	247
Solubility	It is recommended to reconstitute the lyophilized proBDNF in sterile 18M-cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized proBDNF although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution proBDNF should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for proBDNF recombinant protein	Description: proBDNF Human Recombinant produced in E.Coli is a single, non-glycosylated, non-covalently linked homodimer with each polypeptide chain containing 229 amino acids and having a molecular mass of 52kDa. The proBDNF is purified by proprietary chromatographic techniques.
Product Categories/Family for proBDNF recombinant protein	Cytokines and Growth Factors ; Neurotrophins

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
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/39011>