

Pro-Nerve Growth Factor Recombinant Protein | ProNGF recombinant protein

Recombinant Human Pro-Nerve Growth Factor

CATALOG # AAA38201	HOST E Coli
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PRODUCT SYNONYMS

Pro-Nerve Growth Factor; Recombinant Human Pro-Nerve Growth Factor; ProNGF Human; Pro-Nerve Growth Factor Human Recombinant; Human Pro-NGF; ProNGF; NGFB; ProNGF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	ProNGF was lyophilized from a 0.2 uM filtered solution of 20mM PB and 250mM NaCl pH 7.2. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MEPHSESNVP AGHTIPQVHW TKLQHSLDTA LRRARSAPAA AIAARVAGQT RNITVDPRLF KKRRRLRSPRV LFSTQPPREA ADTQDLDFEV GGAAPFNRTN RSKRSSSHPI FHRGEFSVCD SVSVWVGDKT TATDIKGKEV MVLGEVNINN SVFKQYFFET KCRDPNPVDS GCRGIDSKHW NSYCTTTHTF VKALTMGKQ AAWRFIRIDT ACVCVLSRKA VRRRA
Sequence Length	241
Solubility	It is recommended to reconstitute the lyophilized ProNGF in 1xPBS to a concentration no less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized ProNGF although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution ProNGF 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 ProNGF recombinant protein	Description: Pro NGF is the pro-form of the neurotrophin nerve growth factor. Like the mature protein pro NGF is characterized by the cysteine knot motif consisting of three cysteine bridges. The protein predominantly exists as a non-covalently linked homodimer. Pro-Nerve Growth Factor Human Recombinant produced in E Coli is a non-glycosylated, polypeptide chain containing 224 amino acids and having a molecular mass of 50KDa. The Pro NGF is purified by proprietary chromatographic techniques.
Product Categories/Family for ProNGF recombinant protein	Cytokines and Growth Factors; Neurotrophins; Beta-Nerve Growth Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	70995319
NCBI GeneID	4803
NCBI Accession #	NP_002497.2
NCBI GenBank Nucleotide #	NM_002506.2
UniProt Accession #	P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5
NCBI Official Full Name	beta-nerve growth factor

NCBI Official Synonym Full Names	nerve growth factor (beta polypeptide)
NCBI Official Symbol	NGF
NCBI Official Synonym Symbols	NGFB; HSN5; Beta-NGF
NCBI Protein Information	beta-nerve growth factor; nerve growth factor, beta subunit
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF
UniProt Entry Name	NGF_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://www.aaabiotech.com/ngf-recombinant-protein-e-coli/38201>