

beta Nerve Growth Factor Active Protein | b NGF active protein

Recombinant Human beta Nerve Growth Factor, HEK

CATALOG #
AAA38883

HOST
HEK

PRODUCT SYNONYMS

beta Nerve Growth Factor; Recombinant Human beta Nerve Growth Factor; HEK; b NGF Human; beta Nerve Growth Factor Human Recombinant; Beta Polypeptide; NGF; NGFB; HSN5; Beta-NGF; MGC161426; MGC161428; b NGF HEK; b NGF active protein

PRODUCT SPECIFICATIONS

Host	HEK
Purity/Purification	Greater than 95% as observed by SDS-PAGE.
Form/Format	The b-NGF was lyophilized from 1mg/ml in 1xPBS. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence Length	241
Solubility	It is recommended to reconstitute the lyophilized b-NGF in sterile water not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) and is typically 1.5-8ng/ml.

ADDITIONAL INFORMATION

Related Product Information for b NGF active protein	Description: Beta-NGF Human Recombinant produced in HEK cells is a non-glycosylated non-disulfide linked homodimer, having a total molecular weight of 13kDa. The b-NGF is purified by proprietary chromatographic techniques. Introduction: NGF-beta has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.
Product Categories/Family for b NGF active 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
Molecular Weight	26,959 Da
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; HSAN5; 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://stage.aaabiotech.com/hek-b-ngf-active-protein/beta-nerve-growth-factor/38883>