PRODUCT INFORMATION

Target	NGF
Synonyms	NGFB; HSAN5; Beta-NGF
Description	Recombinant human NGF(19-241) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P01138
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	NGF(Glu19-Ala241) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 51.1 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein 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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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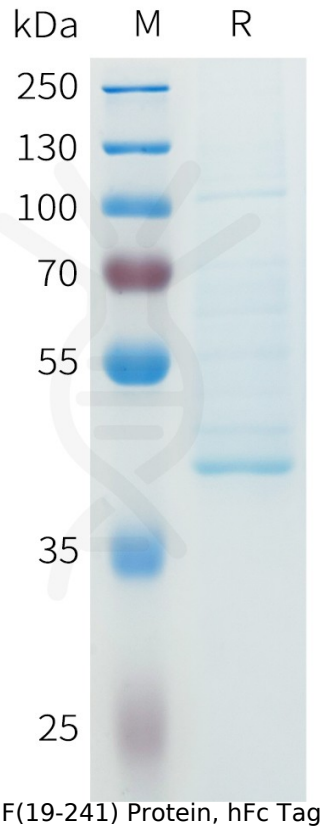


Figure 1. Human NGF(19-241) Protein, hFc Tag on SDS-PAGE under reducing condition.

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