

Recombinant Human β -NGF Protein

Catalog No	RP01107	Category	Recombinant Protein
Description	Recombinant Human β -NGF Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Ser122-Arg239) of human β -NGF (Accession #P01138) fused with no tags.		

Sequence Information

Species	Human	Gene ID	4803
Tags	No tag	Swiss Prot	P01138
Synonyms	Beta-Nerve Growth Factor; Beta-NGF; NGF; NGFB		

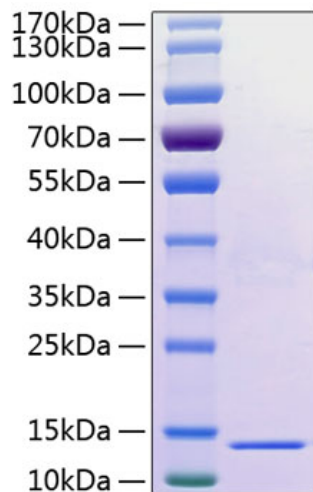
Product information

Source	Mammalian
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1.0 EU/ μ g of the protein by LAL method.
Formulation	Lyophilized from a 0.22 μ m filtered solution of 20mM PB, 250mM NaCl, pH 7.0.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Background

This protein is 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.

Validated Data



Recombinant Human β -NGF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 15 kDa.