

# Recombinant Human $\beta$ -NGF Protein

Catalog No.: RP01107 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4803	P01138

### Tags

No tag

### Synonyms

Beta-Nerve Growth Factor; Beta-NGF;  
NGF; NGFB

## Product Information

Source	Purification
Mammalian	> 95% by SDS- PAGE.

### Endotoxin

< 1.0 EU/ $\mu$ g of the protein by LAL method.

### Formulation

Lyophilized from a 0.22  $\mu$ m filtered solution of 20mM PB, 250mM NaCl, pH 7.0. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## 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.

## Basic Information

### Description

Recombinant Human  $\beta$ -NGF Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Ser122-Arg239) of human  $\beta$ -NGF (Accession #P01138) fused with no tags.

### Bio-Activity

### 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.

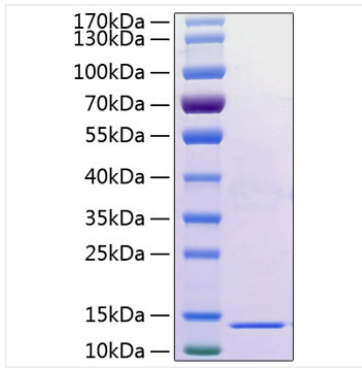
Avoid repeated freeze/thaw cycles.

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Validation Data

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