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## Recombinant human NGF- $\beta$ protein (Active, HEK293)

Catalog Number: bs-48035P

Concentration: >0.5 mg/ml

AA Seq: 1-241/241

Detected MW: 25 kDa

Tags: Tag free

Activity: Yes

Endotoxin: <0.5 EU/ $\mu$ g as determined by LAL.

Purity: >95% as determined by SDS-PAGE

Purification: AC

**Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80°C under sterile conditions after reconstitution.

**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]