

**NGF-beta, human recombinant protein****β Polypeptide, NGF, NGFB, HSAN5, β-NGF, MGC161426, MGC161428.****Catalog # PBV10212r****Specification**

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**NGF-beta, human recombinant protein - Product info**

Primary Accession

[P01138](#)

Calculated MW

**13.6 kDa KDa****NGF-beta, human recombinant protein - Additional Info**

Gene ID

**4803**

Gene Symbol

**NGF****Other Names**

β Polypeptide, NGF, NGFB, HSAN5, β-NGF, MGC161426, MGC161428.

Gene Source

**Human**

Source

**E. coli**

Assay&amp;Purity

**SDS-PAGE; ≥97%**

Assay2&amp;Purity2

**HPLC; ≥97%**

Recombinant

**Yes**

Results

**0.8 ng/ml****Target/Specificity**

NGF-beta

**Application Notes**

Reconstituted human NGF-β should be stored in working aliquots at -20°C. For long-term storage, it is recommended to add a carrier protein (0.1% HAS or BSA). Avoid freeze/thaw cycles.

**Format**

Lyophilized protein

**Storage**

-20°C; Sterile filtered and then lyophilized with no additives.

**NGF-beta, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NGF-beta, human recombinant protein - Images**

**NGF-beta, human recombinant protein - Background**

Nerve growth factor- $\beta$  (NGF- $\beta$ ) is a potent neurotrophic factor that supports the growth and survivability of nerve and/or glial cells. The active form of human NGF- $\beta$  is a dimer, formed by two identical 119 amino acid subunits, which is held together by strong hydrophobic interactions. Recombinant human BGF-b produced in CHO cells is a homodimer, glycosylated, polypeptide chain containing 2 identical 119 amino acids and having a molecular weight of 16.95 kDa. The protein is purified by proprietary chromatographic techniques.