

NGF-beta, human recombinant protein**β Polypeptide, NGF, NGFB, HSAN5, β-NGF, MGC161426, MGC161428.****Catalog # PBV10211r****Specification**

NGF-beta, human recombinant protein - Product info

Primary Accession

[P01138](#)

Calculated MW

16.95 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

CHO cells

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC; ≥98%

Recombinant

Yes

Results

0.8-1.5 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 in 30 mM Sodium Acetate, pH 5.5 containing 1% HAS.

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- β (NGF- β) is a potent neurotrophic factor that supports the growth and survivability of nerve and/or glial cells. The active form of human NGF- β 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.