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NGF-beta, murine recombinant protein

β Polypeptide, NGF, NGFB, HSAN5, β-NGF, MGC161426, MGC161428.
Catalog # PBV10213r

Specification

NGF-beta, murine recombinant protein - Product info

Primary Accession	P01139
Calculated MW	**13.5 kDa KDa**

NGF-beta, murine recombinant protein - Additional Info

Gene ID	**18049**
Gene Symbol	**NGF**

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

Gene Source	**Mouse**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**0.1–1 ng/ml**

Target/Specificity
NGF-beta

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml containing 1% HSA or BSA. The solution can be diluted into other aqueous buffers and stored at 4°C for 2-7 days or store at –20°C for future use.

Format
Lyophilized protein

Storage
-20°C; Lyophilized with no additives

NGF-beta, murine 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 Cytomety
- Cell Culture

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NGF-beta, murine recombinant protein - Images

NGF-beta, murine 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 recombinant mouse NGF-β is a homodimer, non-glycosylated chain containing two identical 120 amino acid subunits, and having a molecular weight of 13.5 kDa.

NGF-beta, murine recombinant protein - References

Scott J.,et al.Nature 302:538-540(1983).
Ullrich A.,et al.Nature 303:821-825(1983).
Ullrich A.,et al.Cold Spring Harb. Symp. Quant. Biol. 48:435-442(1983).
Selby M.J.,et al.Mol. Cell. Biol. 7:3057-3064(1987).
Yamamoto T.,et al.Neurochem. Int. 21:251-258(1992).