

Human CellExp Beta-NGF, Human recombinant protein
Human Cellexp Human Recombinant Beta-NGF
Catalog # PBV10675r**Specification**

Human CellExp Beta-NGF, Human recombinant protein - Product info

Primary Accession	P01138
Calculated MW	13 kDa, non-disulfide bonded homodimer, non-glycosylated. KDa

Human CellExp Beta-NGF, Human recombinant protein - Additional Info

Gene ID	4803
Gene Symbol	NGF
Other Names	
Beta Polypeptide, NGF, NGFB, HSAN5, Beta-NGF, MGC161426, MGC161428	
Gene Source	Human
Source	Human cell expressed
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	1.5 to 8 ng/ml

Application Notes

Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized from a PBS solution.

Human CellExp Beta-NGF, 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](#)

Human CellExp Beta-NGF, Human recombinant protein - Images**Human CellExp Beta-NGF, Human recombinant protein - Background**

NGF-beta 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. The presence of beta NGF in immune cells and endocrine cells as well as in the CNS limbic areas suggests that beta NGF may function as an intracellular messenger to regulate the body's response to stress. This product is produced in a human cell expression system with serum-free, chemically defined media.

Human CellExp Beta-NGF, Human recombinant protein - References

Ullrich A.,et al.Nature 303:821-825(1983).
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Tong Y.,et al.Zhongguo Ying Yong Sheng Li Xue Za Zhi 13:316-318(1997).
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