10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NT-4, human recombinant protein

NT4, NT5, NTF5, NT-4/5, NTF4, Neurotrophin-4, Neutrophic factor 4, Neurotrophin-5, NT-5.

Catalog # PBV10216r

Specification

NT-4, human recombinant protein - Product info

Primary Accession	P34130
Calculated MW	

NT-4, human recombinant protein - Additional Info

Gene ID	**4909**
Gene Symbol	**NTF4**

Other Names
NT4, NT5, NTF5, NT-4/5, NTF4, Neurotrophin-4, Neutrophic factor 4

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**20-50 ng/ml.**

Target/Specificity
NT-4

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and store at 4°C for 1 week or –20°C for future use.

Format
Lyophilized protein

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

NT-4, 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 Cytomety
- Cell Culture

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NT-4, human recombinant protein - Images

NT-4, human recombinant protein - Background

Neurotrophin-4 (NT-4/NT-5) is a potent neurotrophic factor that supports the growth and survivability of nerve and/or glial cells. The active form of human NT-4 is a dimer, formed by two identical 130 amino acid subunits.

NT-4, human recombinant protein - References

Berkemeier L.R.,et al.Neuron 7:857-866(1991).
Ip N.Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:3060-3064(1992).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Robinson R.C.,et al.Protein Sci. 8:2589-2597(1999).