

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 infoPrimary 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 4Gene 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 H₂O 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 Cytometry](#)
- [Cell Culture](#)

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).