

Human CellExpCNTFR/CNTFR-alpha, human recombinant protein
CNTFR, CNTF R alpha
Catalog # PBV11395r**Specification**

Human CellExpCNTFR/CNTFR-alpha, human recombinant protein - Product infoPrimary Accession
Calculated MW[P26992](#)

This protein rh CNTFR alpha is fused with polyhistidine tag at the C-terminus, has a calculated MW of 36.9 kDa. The predicted N-terminus is Gln 23. DTT-reduced Protein migrates as 45-48 kDa due to glycosylation. KDa

Human CellExpCNTFR/CNTFR-alpha, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
CNTFR, CNTF R alpha**1271**
CNTFRGene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK 293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its binding ability in a functional ELISA. Immobilized human CTNFR at 10 µg/ml (100 µl/well) can bind biotinylated human CNTF with a linear ranger of 3.2 - 100 ng/ml.

Target/Specificity
CNTFR/CNTFR-alpha**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in PBS, pH 7.4. Do not vortex.

Format
Lyophilized**Storage**
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.**Human CellExpCNTFR/CNTFR-alpha, 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 CellExpCNTFR/CNTFR-alpha, human recombinant protein - Images

Human CellExpCNTFR/CNTFR-alpha, human recombinant protein - Background

Ciliary neurotrophic factor receptor subunit alpha (CNTFR or CNTFR-alpha) belongs to the type I cytokine receptor family and type 3 subfamily. CNTFR contains two fibronectin type-III domains and one Ig-like C2-type (immunoglobulin-like) domain. This receptor and its cognate ligand support the survival of neurons. This receptor is most closely related to the interleukin-6 receptor. This receptor possesses an unusual attachment to the cell membrane through a glycosphosphatidylinositol linkage.

Human CellExpCNTFR/CNTFR-alpha, human recombinant protein - References

Davis S.,et al.Science 253:59-63(1991).
Valenzuela D.M.,et al.Genomics 25:157-163(1995).
Kalnina N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Humphray S.J.,et al.Nature 429:369-374(2004).
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