

Recombinant Human CNTFR protein, His-tagged

Cat. No. CNTFR-361H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTFR protein (Gln23-Pro346), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	324
Description	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 glycoposphatidylinositol linkage.
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 36.9 kDa. The protein migrates as 45-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

CNTFR

Official Symbol

CNTFR

Synonyms

CNTFR; ciliary neurotrophic factor receptor; ciliary neurotrophic factor receptor subunit alpha; CNTFR-alpha; CNTF receptor subunit alpha; MGC1774

Gene ID

1271

mRNA Refseq

NM_001207011

Protein Refseq

NP_001193940

MIM

118946

UniProt ID

P26992

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