Active Recombinant Human CNTFR protein, His-tagged

Cat. No. CNTFR-3334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CNTFR protein(Met 1- 346)(NP_001833.1) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-346 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0
Bio-activity	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 1.28-160 ng/ml.
Molecular Mass	The recombinant human CNTFR consists of 335 amino acids and predicts a molecular mass of 36 kDa. The apparent molecular mass of rhCNTFR is apximately 45-48 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

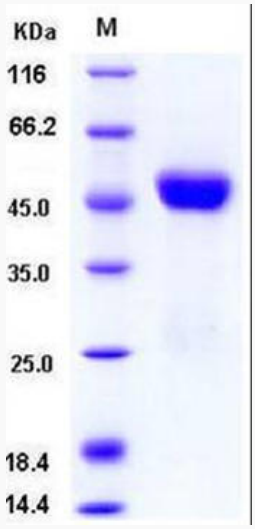
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001193940.1
Unit ID	P26992
Unit ID-Weblink	http://www.uniprot.org/uniprot/P26992

GENE INFORMATION

Gene Name	CNTFR ciliary neurotrophic factor receptor [Homo sapiens]
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

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SDS-PAGE	

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