

Recombinant Human CNTFR Protein, His-tagged

Cat. No. CNTFR-381H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTFR(Thr120~Leu358) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr120~Leu358
Description	This gene encodes a member of the type 1 cytokine receptor family. The encoded protein is the ligand-specific component of a tripartite receptor for ciliary neurotrophic factor, which plays a critical role in neuronal cell survival, differentiation and gene expression. Binding of ciliary neurotrophic factor to the encoded protein recruits the transmembrane components of the receptor, gp130 and leukemia inhibitory factor receptor, facilitating signal transduction. Single nucleotide polymorphisms in this gene may be associated with variations in muscle strength, as well as early onset of eating disorders. Alternatively spliced transcript variants have been observed for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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
UniProt ID	P26992

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