Recombinant Human CNTFR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CNTFR-5041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CNTFR MS Standard C13 and N15-labeled recombinant protein (NP_671693) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	40.6 kDa
AA Sequence	MAAPVPWACCAVLAAAAAVVYAQRHSPQEAPHVQYERLGSDVTLPCGTANWDAA VTWRVNGTDLAPDLLNGSQLVLHGLELGHSGLYACFHRDSWHLRHQVLLHVGLPP REPVLSCRSNTYPKGFYCSWHLPTPTYIPNTFNVTVLHGSKIMVCEKDPALKNRCHI RYMHLFSTIKYKVSISVSNALGHNATAITFDEFTIVKPDPPENVVARPVPSNPRRLEVT WQTPSTWPDPESFPLKFFLRYRPLILDQWQHVELSDGTAHTITDAYAGKEYIIQVAA

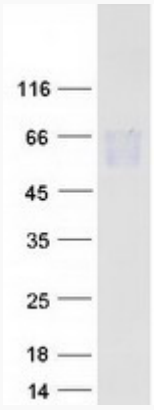
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	KDNEIGTWSDWSVAAHATPWTEEPRHLTTEAQAAETTTSTTSSLAPPPTTKICDPGE LGSGGGPSAPFLVSVPITLALAAAAATASSLLITRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CNTFR ciliary neurotrophic factor receptor [Homo sapiens (human)]
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_147164
Protein Refseq	NP_671693
MIM	118946

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UniProt ID	P26992
SDS-PAGE	

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