



Human CNTFR blocking peptide (CDBP0838)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CNTFR antibody
Antigen 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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CNTFR ciliary neurotrophic factor receptor [Homo sapiens]
Official Symbol	CNTFR

Synonyms	CNTRF; ciliary neurotrophic factor receptor; ciliary neurotrophic factor receptor subunit alpha; CNTRF-alpha; CNTF receptor subunit alpha; MGC1774;
Entrez Gene ID	1271
mRNA Refseq	NM_001207011
Protein Refseq	NP_001193940
UniProt ID	P26992
Chromosome Location	9p13
Pathway	Adipogenesis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	contributes_to ciliary neurotrophic factor receptor activity; ciliary neurotrophic factor receptor activity; cytokine binding; receptor activity; receptor binding;