

## Product datasheet for **RC212035L4V**

### CNTF Receptor alpha (CNTFR) (NM\_001842) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CNTF Receptor alpha (CNTFR) (NM_001842) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CNTF Receptor alpha
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001842
ORF Size:	1116 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212035).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001842.3</a>
RefSeq Size:	1959 bp
RefSeq ORF:	1119 bp
Locus ID:	1271
UniProt ID:	<a href="#">P26992</a>
Cytogenetics:	9p13.3
Domains:	ig, IGc2, IG, FN3
Protein Families:	Druggable Genome
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway



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**MW:** 40.6 kDa

**Gene Summary:** 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. [provided by RefSeq, May 2011]