

Product datasheet for **SC331734**

CNTF Receptor alpha (CNTFR) (NM_001207011) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CNTF Receptor alpha (CNTFR) (NM_001207011) Human Untagged Clone
Tag: Tag Free
Symbol: CNTF Receptor alpha
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331734 representing NM_001207011.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTGCTCCTGTCCCCTGGGCTGCTGTGCTGTGCTTGCCGCCGCCGCCGAGTTGTCTACGCCCAG
AGACACAGTCCACAGGAGGCCACCCCATGTGTCAGTACGAGCGCCTGGGCTCTGACGTGACACTGCCATGT
GGGACAGCAAACCTGGGATGCTGCGGTGACGTGGCGGTAATGGGACAGACCTGGCCCCTGACCTGCTC
AACGGCTCTCAGCTGGTGTCCATGGCCTGGAAGTGGGCCACAGTGGCCTCTACGCCTGCTTCCACCGT
GACTCCTGGCACCTGCCACCAAGTCTGTGCATGTGGGCTTCCGCCCGGGGAGCCTGTGCTCAGC
TGCCGCTCCAACACTTACCCCAAGGGCTTCTACTGCAGTGGCATCTGCCACCCCACTACATTCCC
AACACCTTCAATGTGACTGTGCTGCATGGCTCCAAAATTAAGTCTGTGAGAAGGACCCAGCCCTCAAG
AACCGCTGCCACATTCGCTACATGCACCTGTTCTCCACCATCAAGTACAAGGTCTCCATAAGTGTGAGC
AATGCCCTGGGCCACAATGCCACAGCTATCACCTTTGACGAGTTCACCATTGTGAAGCCTGATCCTCCA
GAAAATGTGGTAGCCCGGCCAGTCCCAGCAACCTCGCCGGCTGGAGGTGACGTGGCAGACCCCTCG
ACCTGGCCTGACCCTGAGTCTTTTCTCTCAAGTCTTTTCTGCGCTACCGACCCCTCATCTGGACCAG
TGGCAGCATGTGGAGCTGTCGACGGCACAGCACACCATCACAGATGCCTACGCCGGGAAGGAGTAC
ATTATCCAGTGGCAGCAAGGACAATGAGATTGGGACATGGAGTACTGGAGCGTAGCCGCCACGCT
ACGCCCTGGACTGAGGAACCGGACACCTCACACGGAGGCCAGGCTGCGGAGACCACGACCAGCACC
ACCAGCTCCCTGGCACCCACCTACCACGAAGATCTGTGACCCTGGGGAGCTGGGACGGCGGGGGA
CCCTCGGCACCCTTCTTGGTCAGCGTCCCATCACTCTGGCCCTGGCTGCCGCTGCCGCACTGCCAGC
AGTCTCTTGATCTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001207011
Insert Size: 1119 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001207011.1
RefSeq Size:	1946 bp
RefSeq ORF:	1119 bp
Locus ID:	1271
UniProt ID:	P26992
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
MW:	40.6 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.</p>