

Product datasheet for **MC206565**

Cntf (BC027539) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cntf (BC027539) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cntf
Synonyms: MGC41235
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027539
 CGCTTCGAGGGGAAAAAAAAAAGACTGATTAAGGGCCCTTTGATTCCCAGGCACAAAATCCACAGCCA
 GGAATTTGCTGCCACCTCTGATTCAGGCAGGGGTGGGGATGGGGGTGCACAATCCATTAGAGAATGCC
 CAGTAGATTTAGTCTGTGGGAGTCACATTTCTTATTTGGACTAGTGAAGACAGAAGCAAACCAGCTCACT
 TGTTTCCTGGGACAGTTGATTTAGGGGATGGCTTTCGAGAGCAATCACCTCTGACCCTTACCAGCCGGG
 ACCTCTGTAGCCGCTCTATCTGGCTAGCAAGGAAGATTCGTTAGACCTGACTGCTCTTATGGAATCTTA
 TGTAACAATCAAGGCCTGAATAAAAAATCAGCCTTGACTCAGTGGATGGTGTACCAGTGGCAAGCACT
 GATCGCTGGAGTGAGTACTGAGGCAGAGCGACTCCAAGAGAACCTCCAGGCTTACCGTACCTTCCAAG
 GGATGTTAACCAAGCTTTTGAAGACCAGAGAGTGCATTTACCCCGACTGAAGGTGACTTCCATCAGGC
 AATACATACTCTACGCTCCAAGTTTCTGCCTTCGCTACCAGCTAGAGGAGTTAATGGCGCTTCTGGAA
 CAGAAGGTCCTGAAAAAGAGGCTGATGGGATGCCTGTACAATTGGAGATGGTGGCCTCTTTGAGAAGA
 AGCTGTGGGGCTTGAAGGTCCTTCAAGAGCTTTCACAGTGGACTGTGAGGTCTATCCATGACCTCCGTGT
 CATTTCTTCTCATCACATGGGAATCTCAGCACATGAGAGCCATTATGGGGCCAAGCAAATGTAGCTCTTA
 ACTCTTGCTCTGCTCCCTCTTTGATCTAATGGGATATCAGTAGTTCACCCAGGGGCTAGTTTTCTCAG
 CATCAATTTGGAAAACCTTAGACCACAGGCATATTTTCGTCAGTAGGGTTGACCCACGTATGAACAGAA
 GATAAACATGGTTATTCTGGCTGTGCATATGTGTGTACATGATTTTGTATTGGTGGTATAATAAAG
 TATAATTAGGGCATTATCCTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC027539
Insert Size: 597 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).



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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:	<u>BC027539, AAH27539</u>
RefSeq Size:	1106 bp
RefSeq ORF:	597 bp
Locus ID:	12803
Cytogenetics:	19 8.73 cM
Gene Summary:	The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes, and it may be involved in reducing tissue destruction during inflammatory attacks. A read-through transcript variant composed of Zfp91 and Cntf sequences has been identified, but it is thought to be non-coding. Read-through transcription of Zfp91 and Cntf has been observed in both human and mouse. [provided by RefSeq, Aug 2008]