

## Product datasheet for MR201984

### Cntf (NM\_170786) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Cntf (NM\_170786) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Cntf  
 Synonyms: A1429687  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR201984 representing NM\_170786  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTTCGCGAGCAATCACCTCTGACCCTTACCAGCCGGGACCTCTGTAGCCGCTCTATCTGGCTAG  
 CAAGGAAGATTCGTTAGACCTGACTGCTCTTATGGAATCTTATGTAACCAATCAAGGCCTGAATAAAAA  
 TATCAGCCTTGACTCAGTGGATGGTGTACCAGTGGCAAGCACTGATCGCTGGAGTGAGATGACTGAGGCA  
 GAGCGACTCCAAGAGAACCTCCAGGCTTACCGTACCTTCCAAGGGATGTTAACCAAGCTTTTAGAAGACC  
 AGAGAGTGCATTTACCCCGACTGAAGGTGACTTCCATCAGGCAATACATACTCTTACGCTCCAAGTTTC  
 TGCCCTTCGCCTACCAGCTAGAGGAGTAAATGGCGCTTCTGGAACAGAAGGTCCTGAAAAAGAGGCTGAT  
 GGGATGCCTGTACAATTGGAGATGGTGGCCTCTTTGAGAAGAAGCTGTGGGGCTTGAAGTCTCTCAAG  
 AGCTTTACAGTGGACTGTGAGGTCTATCCATGACCTCCGTGTCAATTTCTCTCATCACATGGGAATCTC  
 AGCACATGAGAGCCATTATGGGGCCAAGCAAATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201984 representing NM\_170786  
 Red=Cloning site Green=Tags(s)

MAFAEQSPLTLHRRDLCSRSIWLARKIRSDLTALMESYVKHQGLNKNISLDSVDGVPVASTDRWSEMTEA  
 ERLQENLQAYRTFQGMLTKLLEDQRVHFTPTGDFHQAIHTLTLQVSAFAYQLEELMALLEQKVPEKAD  
 GMPVTIGDGLFEKKLWGLKVLQELSQWTVRSIHDLRVISSHHMGISAHESHYGAQOM

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



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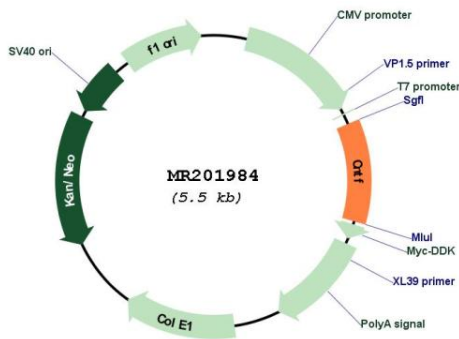


**Cytogenetics:** 19 8.73 cM

**MW:** 23 kDa

**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]

**Product images:**



Circular map for MR201984