

Product datasheet for **RN214541**

Cnnm1 (NM_001107593) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnnm1 (NM_001107593) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnnm1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214541 representing NM_001107593
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGGCCGCTTCCCGGTGTGCTACCCGCTGGGCCGCTCCTGGACTGGGCTCTGCGCCAGGAGATCA
 GCACCTTCTACACGAGGAGAAGCTGCTGGAGACGCTGAGGGCCGCCGATCCTTACAGCGACCTGGTGAA
 GGAAGAGCTCAACATCATCCAGGCGCCCTGGAGCTGCGCACCAAGGTGGTAGAGGAGGTCTGACCCCT
 CTCGGGGACTGCTTCATGCTGCGCTCCGACGCTGTGCTTGAATTCGCACTGTATCCGAGATCCTCCGTA
 GTGGCTACACTCGCATCCCGGTGTACGAGGGCGACAGAGGCACAACATTGTGGACATTCTGTTCTGCA
 AGACTTGGCCTTTGTGGACCCGACGACTGTACCCCTGCTCACAGTACCCGCTTCTACAACAGGCC
 CTGCATTGCGTCTTCAATGATACCCGGTGGACACAGTACTGGAGGAGTTTAAGAAGGGAAATCACACC
 TGGCCATTGTCCAGAGAGTGAACAACGAGGGTGAAGGAGACCTTTCTATGAGGTGATGGGCATCGTCAC
 ACTGGAGGACATCATAGAAGAGATCATCAAGTCGGAGATCCTAGATGAACTGACCTCTACACTGACAAT
 CGGAAAAAGCAGAGGGTCCACACCGGGAGAGGAGGCGGCATGATTTCTCTCTGTTCAAGCTTTCAGACT
 CAGAGATCAGAGTCAAGATCTCGCCACAGCTCTTGTCTCGCCACACATCGTTTCATGGCCACAGAAGTGA
 GCCCTTTAAGTCTCTCTACCTTTCCGAGAAGATCCTGCTCCGGCTTCTGAAACATCCCAACGTGATCCAG
 GAGCTTAAGTTTGTGAGAGGAACAAGAAAGCCCCAGAACACTACCTCTACCAGCGCAGCCGCCCGTGG
 ACTATTTTGTGCTGCTTTTACAGGGGAAAGTGAAGTGGAGGTGCGTAAGGAAGGCCTTCGTTTTGAGAA
 TGGAGCCTTTACCTACTACGGTGTCCAGCCATCATGACCAGCGCTGCTCAGATAACGACGTGCGGAAG
 GTTGAAGTCTGGCTGGATCCTCTGTCTTCTAAACCGGTCCCTTCTCGCTGCAGCGGGTTGAATCGTT
 CCGAGTCTCCAAACCGAGAGCGCAGTGACTTCGGCGGGAGCAACACGAGCTGTGCAGCAACAACCTCTA
 CACACCGGACTACTCTGTGCACATCCTCAGCGATGTGCAGTTTGTGAAGATCACACGGCAACAGTACCAG
 AACGCACTCACGGCTGCCACATGGACAGCTCGCCCCAGTCCCCAGATATGGAGGCCTTACCGACGGCG
 ACTCCACCAAGGCCCCACCCTCGAGGCACACCTCAGACTCCAAGGACGACCCGGTCTCACACTCCT
 GAGTAACAGGACCAGCTTGCCATGCAGCCGCTCAGATGGTCTGAGAAGCCCGGGCGAGGTGGTGTACCTG
 AGGATGGAGGAGATGGCCTTCCCCAGGAAGAGATGCCCAACTTTGAGGAGCACAAGGCACAGCAAGTCT
 CGCTGTCCCTGTGACTGTTCTACAGCAGCAGCTTCAGAGACTGAATGTGTAATATCCACCTGGACCC
 AGAGGCCAGCCCTGCAGCAGTACTCTGAGGAAACCATGGGCAAGAAGTGTCTAAGGACCTTGAGTGGC
 CGGAAGAGAAAGAAATCAGCAGACGGAGAGAGCCTCTGAGGAAACTCCAATTTAACACCCCTGATCA
 CATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107593

Insert Size: 1755 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:

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_001107593.1](#), [NP_001101063.1](#)

RefSeq Size: 2777 bp

RefSeq ORF: 1755 bp

Locus ID: 309387

Cytogenetics: 1q54