

Product datasheet for **MC222796**

Cnnm1 (NM_031396) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnnm1 (NM_031396) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnnm1
Synonyms:	Acdp1; AI846314; CLP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222796 representing NM_031396
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGCGCGCGCGCGCGCGCAGCAGCGCTGGGTGTCAGGCTCCGGGACTGCTGCAGCCGGGCGCCG
 TACTCCTGCTCTTCTTCTCCCTGCCCCCGGCCCGCCGCTGCCTGGTTACTGGGTCTGCGACC
 CGAAGACACTGCCGAGGCCGCGTGTCTCTGGAGGGGGCACCCTGCGGGCGGCCGAAGCACCACTTTC
 CTCCTGCGGGTCTACTTCCAGCCTGGCCCGCCGGTCCCCGCGCGCCCGTGGCCGACCTCCCTGGCCC
 CGGGGAAAAACGGCACGGGCGATTGGGCCCCGCGGCTCGTGTTCATCGAGGAGCCCCGGGCGCGGGCGG
 CGCGCGCCCCAGCGCGTCCCCACGCTCCCCGGGACCTCAGCGCTGCCGCGAGCAGAGCGACTGGGCG
 TCGACGTGGAGGTCTGGGGCCCTGCGCCCCGGGGCGTGGCGGGCTCGGCCCTGGTCCAGGTGCGGG
 TCGGGAGCTGCGGAAGGGCAGGCGGAGCGCGCGCGCGGGCGGCGGGAAGCTCTTTTCGCTGTG
 CGCCTGGGACGGCGCGCTTGGCACCAACGCGCGCGCGCGGCTTCTGCTGCGCGTCCGCCCGCGC
 CTCTACGGCCCGGTGGGGACCTGCTGCGCGCCGCGTGGCTGCGAGCGCTCGGGGCGCTCCTGCTGCTGG
 CCCTGTCCGCCCTGTTACAGCGCCTGCGCCTGAGCCTGCTCTCGCTGGACCCGGTGGAGTTACGGGTGCT
 GCGGAACAGTGCTCGGCCGCCGAGCAGGAGCAGGCGCGCCGCTGACGGCCGTGCGCGGAGGGGGACC
 CATCTGCTCTGCACCCTGCTCCTGGGCCAAGCCGGCGCCAATGCCGCGCTGGCCGGTGGCTGTACGCT
 CGCTGCCGCGGGCGTGGGGACCCCGGGGAGGACTCCGGCGAGGCGGGGTTCACTTCCCGTGGCTGCC
 GCGCTGGTGTGACCGGCGCGGTGTTCTGGGAGCGAGATCTGTCGTAAGTGGTGTGCTCGCGCCAC
 GGGTTGGCCATCGCTCGCACAGTGTGTGCTGACCCGGCTCCTATGGCGGCTGCCTTCCCGGTGTGCT
 ACCCTCTGGGCCGCTCCTGGACTGGGCTCTGCCAGGAGATCAGCACCTTCTACACGAGGGAAGGCT
 GCTGGAGACGCTGCGGGCGCGGACCTTACAGCGACCTGGTGAAGGAAGAGCTCAACATCATTACGGGA
 GCCCTGGAGCTGCGCACCAAGGTGGTAGAGGAGGTGCTGACCCCTCTAGGGGACTGCTTCATGTTGCGCT
 CTGACGCCGTGCTTGACTTCGCCACTGTATCCGAGATCCTCCGTAAGTGGTACACTCGCATCCCGGTGTA
 TGAGGGCGACAGAGGCACAACATTGTGGACATTCTGTTGTCGTAAGACTTGGCCTTTGTGGACCGGAC
 GACTGTACCCCGCTGCTCACAGTCACCCGCTTCTACAACAGGCCCTGCATTGTGCTTCAATGATACCC
 GGCTGGACACTGTAAGGAGGAGTTTAAAGAGGAAAACTCACTTGGCCATTGTCCAGAGAGTGAACAA
 CGAGGGTGAAGGAGACCTTTCTATGAGGTGATGGGCATTGTGACTCTGGAGGACATCATAGAAGAGATC
 ATCAAGTCGGAGATCCTCGACGAACTGACCTCTACACTGACAATCGGAAAAAGCAGAGGGTCCACACC
 GGGAGAGAAGGCGCATGATTTCTCTGTTCAAGCTTTCAGACTCCGAGATCAGAGTCAAGATCTCGCC
 ACAGCTGCTGCTGCCACACACCGCTTCATGGCCACAGAAGTGGAGCCCTTAAAGTCCCTGTACCTTTG
 GAGAAGATCCTGCTCCGGCTTCTGAAACATCCCAACGTGATCCAGGAGCTTAAGTTTGATGAGAGGAACA
 AGAAAGCCCCAGAACACTACCTTACCAGCGCAACCGCCCGGTGGACTATTTGTGCTGCTCTTACAGGG
 GAAAGTGAAGTGGAGGTTGGTAAGGAAGGCCTTCGCTTTGAGAACGAGGCTTTACCTACTATGGTGTT
 CCAGCCATCATGACAGCGCTTGCTCAGATAATGACGTGCGGAAGGTTGGAAGTCTGGCTGGATCCTCTG
 TCTTCTAAACCGGTCCCCTTCTCGCTGCAGCGGTTGAATCGCTCCGAGTCTCCAAACCGAGAGCGCAG
 TGACTTCGGCGGAAGCAACACGCAACTGTACAGCAGCAGCAACAACCTCTACACACCTGACTACTCGGTG
 CACATTCAGTGATGTGCAGTTCGTGAAGATCACACGACAACAGTACCAGAACGCACTACGGCCTGCC
 ACATGGACAGCTCACCCAGTCCCCGATATGGAAGCCTTCACTGATGGGGACTCCACCAAGGCCCCAC
 CACCCGGGACACACCCAGACTCCAAAGGACGACCCGGTCTCACCCCTCTGAGCAACAGGACAGCTTG
 CCATGCAGCCGCTCGGATGGTCTGAGAAGCCAGGCGAGGTTGTGTACCTGAGGATGGAGGAGATGGCCT
 TCCCCAAGAAGAGATGCCCACTTTGAGGAGCACAGGTACAGCAAGTCTCGCTGTCCCTGTGCGAGT
 TCCTACAACAGCAGCTTCGGATCCTGAATGCTGTAATATCCACCTGGATCCAGAGGCCAGCCCTGCAGC
 AGCGACTCTGAGGAAAACATGGGCAAGAAGCTGCTGAGAACCTTGAGTGGCCGAAAAAGAAAGTCCG
 CAGACGGGAGCGAGCCTCCGAGGAACTCCAATTTAACGCCCTGATCACA**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_031396
Insert Size:	2856 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_031396.2</u> , <u>NP_113573.2</u>
RefSeq Size:	5056 bp
RefSeq ORF:	2856 bp
Locus ID:	83674
UniProt ID:	<u>Q0GA42</u>
Cytogenetics:	19 36.67 cM
Gene Summary:	Probable metal transporter.[UniProtKB/Swiss-Prot Function]