

Product datasheet for **MC221028**

Cnnm3 (NM_053186) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnnm3 (NM_053186) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnnm3
Synonyms:	Acdp3; Clp3; mACDP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221028 representing NM_053186
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGGCTGCTGCGGCTGTGGTGGTTGGTTGGGCTGGGTGCTTGCCGCTTCTGTCTGGGACGCA
 CCGCAGGGGAGGCGCGCCGGCGCGGGACTGCTGAACCTTCTGCACGGAAGAGGACAGCGCACC
 GGGCGCGGCTCCCTGCGCGGAAGGGCAGCGCCAGAGGCCACTTTGTGCTTGCGACTCTTCTGCTCCGGC
 TTGGCCAAACAGCTCCTGGACCTGGTAGCCGCCGAGGGCGCAGGCTGCCCGAGGGCGGACGGGCCACGG
 AGCCCCAGGAGGCGCGCCCGACGGCGAGTGGCGCGCTGCTGCGCTGCGCGCCGAGGCCGCGCA
 CCCGCGCTCCGCGCTGCTGGCGGTGCGGTGGAGCCGGTGGTGGGGCCGCGAGGAGGCGCGCCGCC
 TGGGCGCTGGGGTGGGGCGCGGGCTGCTGGCCCTGGCGCGGTGGCGCGGCTGCAGCTGAGCG
 CGCTGGCGCTGGCGCCGCGAGGTGCAGGTGCTGCGCGAGAGCGGCTCGGAGGCGGAGCGCGCGCGC
 GCGGCGCTGGAACCCGCGCGGCTGGCCGGCTGCGCCCTGGCGCGCTGCTGCTTCTGGCCAGCCTG
 GGCAGGCGGCACTGGCCGTGCTGTACGGGCGCGGGCCAGCGCGCGTGCCTGCCCGCTGCTGGGT
 GCGCGGGCTGGTGTTCCTGGTGGTGAGGTGCTGCCGGCCCGGTGAGCGGACGCTGGGCGCTGGCGCT
 GGCGCCGCGCGCTTGGGCTCAGCCGCTGGCGGTGCTGCTCACCTTGCCCGTGGCGCTGCCGGTCCGG
 CAGCTGCTGGAGCTGGCAGCGCGCCGGGGCTGCGGGAGCGCGTGGAGCTGGCGCGCGCGGGCG
 GCGACCCCTACAGCGACCTCAGCAAGGGAGTGTGCGCTCCCGGACCGTGGAGGACGTGCTACGCCGCT
 CGAAGACTGCTTATGCTGGACTCCGGCACTGTCTAGACTTACGCGTCTCGCCAGCATCATGCAGAGC
 GGCCACACGCGCATCCAGTGTACGAGGAGGAGCGCTCCAACATCGTGGACATGCTTACCTCAAAGACT
 TGGCTATCGTTGAGCCGAGGACTGCACACCGCTCAGCACCATCACCCGTTCTACAACCATCCACTCCA
 CTTTGTCTTCAACGATACCAAACCTGGACGCTGCTCCTGGAGGAGTTCAAGCGAGGCAAGTCCACCTGGCC
 ATTGTGAGAAGGTGAACAATGAGGGCGAGGGCGACCCCTTCTACGAGGTGCTGGGCTGGTCCACCTGG
 AGGACGTCATCGAGGAGATCATCAAGTCTGAGATCTTGGATGAGTCTGAAGACTACTCAGACACAAAGT
 GAGGAAGAAGACCGTCGCCCTGGGAGCTCCTCAAGCGAAAGGAGGAATTCTCCTTATTCAAGGTGCT
 GATGATGAATATAAAGTAAAAATCTCGCCTCAGCTGCTCCTGGCCACCCAGCGCTTCTTTCCGAGAGG
 TGGATGTGTTAGCCATTGCGAGTCTCTGAGAAAGTCTTGTGCACCTGCTGAAGCATCCAGTGTCAA
 CCAGGAGGTGACGTTTACGAGAGCAACCGCTGGCCGACACCATTATCTGTACCAGCGCAGCCAGCCA
 GTAGATTACTTATTCTATTCTGCAGGGCAGAGTCGAGGTGCAAATGGGAAAGAGGGCTGAAGTTTCG
 AGAACGGGGCCTTACGTAATGGAGTGTCCGCCCTGACAGCCCATCCTCAGCTCACCAGTCCCAGT
 GTCTTACGCGCAGCTCATCCGCCATGACGTGCAGCCTGAACCAGCCGATGGTACCCGCTCCTGCACATAC
 TGTCTGACTACACTGTGAGGGCCCTTCCGACCTGCAGCTCATTAAAGTACACGGCTGCAGTACCTTA
 ATGCACTCCTGGTACCCGAGCCAAAGCTTGCCTCCATCCCCAGAGAACGCTGAGCTCCAGGCTATCCC
 AGGCAGCCAGACCAGGCTCCTTGGTGACAAGTCCAGAGAGACAGCAGGGTCCACCAACAGCAGACCCAGC
 ATCCCAGTGGAGGAGAGCCCTGGGCGGAACCCAGGAGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053186

Insert Size: 2142 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:	<u>NM_053186.2</u> , <u>NP_444416.2</u>
RefSeq Size:	5241 bp
RefSeq ORF:	2142 bp
Locus ID:	94218
UniProt ID:	<u>Q32NY4</u>
Cytogenetics:	1 15.3 cM
Gene Summary:	Probable metal transporter.[UniProtKB/Swiss-Prot Function]