

## Product datasheet for **MC220868**

### **Cnm3 (NM\_001039551) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cnm3 (NM_001039551) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnm3
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:** >MC220868 representing NM\_001039551  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCTGCTGCGGCTGTGGTGGGTTGGTTGGGCTGGGTGCTTGCCGCTTCTGTCTGGGACGCA  
 CCGCAGGGGAGGCGCGCGCGCGGGGCGGGACTGCTGAACCTTCTGCACGGAAGAGGACAGCGCACC  
 GGGCGCGGGCTCCCTGCGCGGAAGGGCAGCGCCAGAGGCCACTTTGTGCTTGCAGCTCTTCTGCTCCGGC  
 TTGGCCAAACAGCTCCTGGACCTGGTAGCCGCCGAGGGCGCAGGCTGCCCGAGGGCGGACGGGCCACGG  
 AGCCCCGAGGAGGCGGCCGCCGACGGGCGAGTGGCGCGCTGCTGCGCTGCGCGCCGAGGCCGCGCA  
 CCCGCGCTCCGCGCTGCTGGCGGTGCGGTGGAGCCGGTGGTGGGGCCGCGAGGAGGCGCGGCCGCC  
 TGGGCGCTGGGGTGGGGCGGCCGGGCTGCTGGCCCTGGCGCGGTGGCGCGGCCCTGCAGCTGAGCG  
 CGCTGGCGCTGGCGCCGCGGAGGTGCAGGTGCTGCGCGAGAGCGGCTCGGAGGCGGAGCGCGCGCGC  
 GCGGCGCTGGAACCCGCGCGGCTGGGCCGGTGCGCCCTGGCGCGCTGCTGCTTCTGGCCAGCCTG  
 GGCAGGCGGCACTGGCCGTGCTGTACGGGCGCGGGCCAGCGCGCGTGCCTGCCCGCTGCTGGGT  
 GCGCGGGCTGGTGTTCCTGGTGGTGAGGTGCTGCCGGCCCGGTGAGCGGACGCTGGGCGCTGGCGCT  
 GGCGCCGCGCGCTTGGGCTCAGCCGCTGGCGGTGCTGCTCACCTTGCCCGTGGCGCTGCCGGTCCGG  
 CAGCTGCTGGAGCTGGCAGCGCGCCGGGGCTGCGGGAGCGCGTGGAGCTGGCGCGCGCGGGCG  
 GCGACCCCTACAGCGACCTCAGCAAGGGAGTGTGCGCTCCCGGACCGTGGAGGACGTGCTACGCCGCT  
 CGAAGACTGCTTATGCTGGACTCCGGCACTGTCTAGACTTCAGCGTCTCGCCAGCATCATGCAGAGC  
 GGCCACACGCGCATCCCAGTGTACGAGGAGGAGCGCTCCAACATCGTGGACATGCTCTACCTCAAAGT  
 TGGCTATCGTTGAGCCGAGGACTGCACACCGCTCAGCACCATCACCCGTTCTACAACCATCCACTCCA  
 CTTTGTCTTCAACGATACCAAACCTGACGCTGTCTGGAGGAGTTCAAGCGAGGCAAGTCCCACCTGGCC  
 ATTGTGAGAAGGTGAACAATGAGGGCGAGGGCGACCCCTTCTACGAGGTGCTGGGCTGGTCCACCTGG  
 AGGACGTCATCGAGGAGATCATCAAGTCTGAGATCTTGGATGAGTCTGAAGACTACTCAGACACAAAGT  
 GAGGAAGAAGACCGTCGCCCTGGGAGCTCCTCTCAAGCGAAAGGAGGAATTCTCCTTATTCAAGGTGCT  
 GATGATGAATATAAAGTAAAAATCTCGCCTCAGCTGCTCTGGCCACCCAGCGCTTCTTTCCGAGAGG  
 TGGATGTGTTAGCCATTGCGAGTCTCTGAGAAAGTCTTGTGCACCTGCTGAAGCATCCAGTGTCAA  
 CCAGGAGGTGACGTTTACGAGAGCAACCGCTGGCCGACACCATATCTGTACCAGCGCAGCCAGCCA  
 GTAGATTACTTATTCTATTCTGCAGGGCAGAGTCGAGGTGCAAATGGGAAAGAGGGCTGAAGTTTCG  
 AGAACGGGGCCTTACGTAATATGGAGTGTCCGCCCTGACAGCCCATCTCAGCTCACCAGTCCCAGT  
 GTCTTACGCGCAGCTCATCCGCCATGACGTGCAGCCTGAACCAGCCGATGGTACCCGCTCCTGCACATAC  
 TGTCTGACTACTGTGAGGGCCCTTCCGACCTGCAGCTCATTAAAGTACACGGCTGCAGTACCTTA  
 ATGCACTCCTGGTACCCGAGCCAAAGCTTGCCTCCATCCCCAGAGAACGCTGAGCTCCAGGCTATCCC  
 AGGCAGCCAGACCAGGCTCCTTGGTGACAAGTCCAGAGAGACAGCAGCCTTCCCAGTCCACCTTTCCCTC  
 TTTGGCACACTTGAAACTGCAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001039551

**Insert Size:** 2127 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001039551.1</a></u> , <u><a href="#">NP_001034640.1</a></u>
<b>RefSeq Size:</b>	5340 bp
<b>RefSeq ORF:</b>	2127 bp
<b>Locus ID:</b>	94218
<b>UniProt ID:</b>	<u><a href="#">Q32NY4</a></u>
<b>Cytogenetics:</b>	1 15.3 cM
<b>Gene Summary:</b>	Probable metal transporter.[UniProtKB/Swiss-Prot Function]