

Product datasheet for **SC113134**

CNNM1 (NM_020348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNNM1 (NM_020348) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNNM1
Synonyms:	ACDP1; CLP-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020348, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCGCGGCGGCGGCGAGCAGCGGTGGGTGTCAGGCTCCGGGACTGCTGCAGCCGAGGCGCTG
TGCTCCTGCTCTTCTTTTCCCTGTCTCCTCGGCCCGGCGCCGCGCTGGCTGCTGGGCTGCGGCC
CGAGGACTGTGGAGGCGCGTGTCCCTGGAGGGGGCACCTGCGCGCCGCGAAGGCACCAGCTTCC
CTCCTGCGTGTCTATTTCCAGCCAGGACCGCGGCCACCGCCGACCGGTGCCCTCACCGACCTCAACT
CGGGGGAGAATGGCACCGCGACTGGGCTCCGCGGCTCGTGTTCATCGAGGAGCCCCGGGCGGTGGCGG
CGTGGCCCCCAGCGCGTCCCCTCGCCCCCGGACCGCAGCGCTGCAGGGAGCAGAGCGACTGGGCA
TCGGACGTGGAAGTCTGGGGCCCTTGCCTCCGGGGGCGTGGCAGGCTCGGCCCTGGTCCAGGTGCGAG
TGCGGGAGCTGCGCAAGGGCGAAGCGGAGCGGGCGGCGGGCGGTGGCGGGAAGCTCTTTTCACTCTG
CGCCTGGGATGGGCGCGTGGCACCACCGCGCCCGCGGGCTTCTGCTGCGCGTTCGCCCCGG
TTGTACGGCCAGGCGGGACCTGCTGCCCTCGTGGCTGCGGGCGCTCGGGGCGCTCCTGCTGCTAG
CCTTGTGCGCCCTGTTCCAGCGCCTGCGCTGAGCCTGCTGTGCTGGACCCGGTGGAGTTACGGGTGCT
GCGGAACAGCGGCTCGGCCGCGAGCAGGAGCAGGCGCGCCGCTGCAGGCCGTTGCGGGCAGGGGACC
CATCTGCTCTGCACCCTACTCCTGGGCCAAGCCGGAGCCAACCGCGCCCTGGCTGGCTGGCTGTACACT
CGCTGCCCGCGGCTTCGGGGGACCGGGGAAGACTACAGCGAAGAGGGGATCCACTTCCCGTGGCTGCC
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GGGCTGGCCATCGCTCGCACAGCGTGTGCTGACCCGGCTTCTGATGGCAGCCGCTTCCCGTGTGCT
ACCCGCTGGGCCGCTGCTGGACTGGGCGCTGCGCCAGGAGATAAGCACCTTCTACACGGGGAGAAGTT
GCTGGAGACGTTGCGGGCCGAGACCCCTACAGTGACCTGGTGAAGGAGGAGCTCAACATCATACAGGT
GCCCTGGAGCTGCGCACCAAAGTTGTGGAGGAGTGTGACCCCTGGGAGACTGCTTCATGCGCT
CAGACGGGTGCTCGACTTCGCCACTGTCTCCGAGATCCTGCGCAGCGGCTACACTCGCATCCCAGTGTA
CGAGGGTGACCAGCGGCAACATTGTGGACATTTTATTTGTCAAGGACTTGGCCTTCGTGGACCCCGAC
GACTGCACCCCGTCTCACTGTCAACCGCTTCTACAACCGGCCCTGCATTGTGTTTTCAATGACACCC
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ATCAAGTCGGAGATCCTGGATGAACTGATCTCTACACTGACAATCGAAAAAGCAGAGGGTCCCGCAAC
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ACAGCTTCTGCTAGCCACACCCGCTTCAATGGCCACAGAAGTGGAGCCCTTAAAGTCTCTGTACCTTTCG
GAGAAGATCCTGCTCCGGCTCCTGAAACATCCCAACGTGATCCAGGAGCTGAAGTTTGATGAGAAGACA
AGAAGGCCCGGAACACTACCTTACCAGCGCAACCGCCCTGTGGACTACTTTGTGCTGCTTCTACAGGG
TAAAGTGGAGGTGGAGGTTGGTAAGGAAGGCTTCGCTTTGAAAAATGGAGCCTTACTTACTATGGCGTC
CCAGCCATCATGACCACTGCTTGTCTCAGATAATGACGTGCGGAAGGTTGGAAGTCTGGCTGGATCTTCTG
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TGACTTTGGGGGAGCAACACCCAGCTGTACAGCAGCAGCAACAACCTCTACATGCCCTGACTACTCAGTC
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ACATGGACAGCTCACCTCAGTCCCCTGACATGGAGGCTTACAGACGGGGACTCCACTAAGGCCCCAC
AACCCGGGGCACACCCAGACCCCTAAGGATGACCCCGCCATCACGCTCCTCAACAACAGGAACAGCCTG
CCGTGCAGCCGCTCAGACGGGCTGAGAAGCCCCAGCGAGGTAGTGTACCTGAGGATGGAGGAGCTGGCCT
TCAACCCAGGAAGAAATGACTGACTTCGAGGAGCACAGCACACAGCAGCTCACGCTGTCTCCTGCAGCCGT
TCCCACGAGAGCAGCATCAGATAGTGAATGTTGTAACATCAACCTGGATACAGAGACCAGCCCTGCAGT
AGCGATTTTGGAGAAAACGTGGGCAAGAAGCTGCTGAGAACCTTGAGTGGCCAAAAAAGGAAGGTCAC
CAGAAGGAGAGAACTCTGAGGACAACCTCAATTTAACACCTCTGATCACATGA
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020348 unedited</p> <pre>GCCTTGTCGGCCCTGTTTCAGCGGCTGCGCCTGAGCCTGCTGTCGCTGGACCCGGTGGAG TTACGGGTGCTGCGGAACAGCGGCTCGGCCGCGAGCAGGAGCAGGCGCGCCGCTGCAG GCCGTTTCGCGGCAGGGGGACCCATCTGCTCTGCACCCTACTCCTGGGCCAAGCCGGAGCC AACGCGGCCCTGGCTGGCTGGCTGTACACCTCGCTGCCGCCGGGCTTCGGGGGCACCGGG GAAGACTACAGCGAAGAGGGGATCCACTTCCCCTGGCTGCCGGCGCTCGTGTGCACCGCC GCGGTATTCTCGGCGCCGAAATCTGCCCTACTCAGTGTGTTTCGCGGCACGGGCTGGCC ATCGCCTCGCACAGCGTGTGCCTGACCCGGCTTCTGATGGCAGCCGCTTCCCCGTGTGC TACCCGCTGGGCCGCTGCTGGACTGGGCGCTGCGCCAGGAGATAAGCACCTTCTACAC GCGGGAGAAGTTGCTGGAGACGTTGCGGGCCGCAAACCCCTACAGTGACCTGGTGAAGGA GGAGCTCAACATCATACAGGTGCCCTGGAGCTGCGCACCAAAGTTGTGGAGGGAGGTGC TGACCCCTGGGAGACTGCTTCATGCTGCGCTCAAACGCGGTGCTCGACTTTCGACTG TCTCCGAAATCTGCGCAGCGGGTACACTCGCATCCCCAGTGTACGAGGGTGACCAGCCG CACAACATTGNGGACTTNTATTTGTAAGGACTGGGCCTTGTGGACCCGACGACTGGAC CCCGTTTCACTGTACCCGTTTACACCG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020348 unedited</p> <pre>TTGATCATTGGATGATGGTCAACTTGCCAGGNCACGGAGANGAGCACTGGGGGNAGGGGG TCACAGGGCATGCCACCCGGTTCTGTTTCAGGAACAGCTATGACCCGCGCCGCAATCTAG AGTCGAGTTTTTTTTTTTTTTTTTTTTTTCGGGGGGGAGACAGAATCTCGCTCTGTTGCCTAG GATGAAGTGCAGTGGTGTGATCTCAGCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCGA TTCTCCTGCCTCAGCCTCCCGAGTACTGGGACTACATGCCAGGAGAGATGGGGTTTCA CCATGTTGGCCAGGCTGCTCAAACCTCCTGACTTCAAGTGATCCACCCGCTCGGTCTT CCAAACTGTTGGGATTACAGGTGTGAGCCACCGCGCCCGCTTTGCGGTTGCTTTTTCAGA ACTGTTTTATTCTTGAAGCAGGTATGCGCGGTCACTCTGCCATCTGGTGGTTATGCTTG GAATTGCACCTGCCCAACTTCAGGAGAAAAACAGAGATCCAGTAAAGTTCTTGAATAA AGTACACTCAGCTGATCTGCTAGGGTGTAGTAAGGGGGTGGGAGAAGGACAAATGCATGA AAAAGAAAAATGATTCTCAACATTCTGTGTAACCTCCACTGGAATCCCAAGAAATTAT GTATCTTTCTTGGGTGACCTGGGCACTTTTGGTTTGGCAAGCGCAAACCTGGTCTCACC ACTTACAGTTTTTCCCTGCCAACTTAGGTTGGTTTTTGGCGCCAGTGTACATTACACC GGAATTTCCACACAGCCCCCATTTGGGTTCCAATAGCAACCGTTGATCTTTTTTACAG CGACATTGATTTTTCCAGACAACATTAATGCAAAGAAGCCCGCTTCCCGGCAA CAAAAATGGTGTACATTTTCG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020348
Insert Size:	2790 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_020348.1](#), [NP_065081.1](#)

RefSeq Size: 5988 bp

RefSeq ORF: 5988 bp

Locus ID: 26507

UniProt ID: [Q9NRU3](#)

Cytogenetics: 10q24.2

Domains: CBS

Gene Summary: This gene encodes a member of the ancient conserved domain protein family. The encoded protein may bind copper. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]