

## Product datasheet for **SC318258**

### **CNNM4 (NM\_020184) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CNNM4 (NM_020184) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNNM4
Synonyms:	ACDP4
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_020184, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCCGGTGGGCGGGGGCGGGCGCCCGGTGCGCGGACCGGCCCGGGGCGCCTCCTC
CTGGCGGCGCCGGTGTCTGCTGGTGTCTGTGGGCGCTGGGGGCCGGGGCCAGGGCAGC
CCCCAGCAGGGCACGATCGTGGGCATGAGGCTGGCGAGCTGCAACAAGTCGTGTGGGACG
AACCCGGATGGCATCATCTTCGTGTCCGAGGGCAGCACCCTGAACCTGAGGCTGTACGGG
TACAGCCTGGGCAACATCTCCAGCAACCTGATCTCCTTACCAGGTGGACGATGCCGAG
ACCCTCCACAAGTCCACCAGCTGCCTCGAGCTACCAAGGACCTGGTCGTCCAGCAGCTG
GTCAACGTGAGCCGCGGGAACACGTCCGCGTGTGGTGGTGTCAACAAGTTCCTCCGG
AGGAGCGAGAGCATGAAGCTGTATGCACTGTGCACCCGGGCCAGCCGACGGGCCCTGG
CTGAAGTGGACGGACAAGGACTCACTGCTTTCATGGTGGAGGAGCTGGGAGGTTCTCTG
CCTCTCTGGTGCACATTCTCCTAATTACGGTGTCTGGTGTCTGCGGCATATTTTCT
GGCCTCAACCTCGGGCTTATGGCCCTGGACCCATGGAGCTGCGCATCGTGCAGAACTGT
GGCACCAGAGAAGGAGAGGCGCTATGCCCGCAAGATTGAGCCCATCCGGCGCAAGGGCAAC
TACCTTCTGTCTCGTTGCTCCTAGGGAACGTGCTGGTCAACACCTCCCTCACAATCCTT
CTAGACAACCTCATCGGGTCCGGCTCATGGCGGTGGCCTCCTCCACCATTGGCATTGTG
ATCTTTGGGGAGATCCTACCTCAGGCCCTGTGCTCCCGACATGGGCTGGCTGTGGGTGCC
AACACCATCCTTCTACCAAATCTTTATGCTACTCACCTTCCCCTCAGTTTTCCCAT
AGCAAGCTCCTGGACTTTTTTCTGGGCCAGGAGATTGCGACTGTTTACAACCGGGAGAAG
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ATGATCCAGGGTGCCTGGAACACGGACAAAACCTGTAGAGGATATCATGACCCAGCTC
CAGGACTGCTTCATGATCCGAGCGATGCCATCCTGGACTTCAACACCATGTCGGAGATA
ATGGAAAGCGGCTATACTCGCATCCCGGTGTTGGAAGACGAGCAGTCCAATATTGTAGAT
ATTCTCTACGTCAAAGACTTGGCCTTTGTGGACCCGATGACTGCACCCCTCAAGACT
ATCACTCGCTTCTATAACCACCCGGTGCCTTTGTCTTCCATGACACCAAGTTGGATGCC
ATGCTGGAGGAGTTAAGAAGGGGAAGTCCACCTGGCCATCGTGCAGAAGGTAACAAC
GAGGGTGAGGGTGACCCCTTCTACGAGGTCTGGGCTGGTACCCTGGAGGACGTGATC
GAGGAGATCATCAAGTCGGAGATCCTGGACGAGTCCGACATGTACTGACAACCGAAGC
CGGAAGCGGGTGTCTGAGAAGAACAAGCGTGACTTCTCTGCCTTCAAGGATGCGGACAAT
GAGCTCAAAGTAAAATCTCCCCGAGCTCCTCCTGGCCGCTCATCGCTTCTAGCCACA
GAGGTCTCTCAGTTTAGCCCTCCTGATATCAGAGAAGATCCTGCTGCGGCTACTCAAG
TACCCAGATGTCAATCAGGAACTCAAGTTTGACGAGCACAAATAAGTACTACGCCGCCAT
TACCTGTACACCCGAAATAAGCCGGCCGACTACTTCATCCTCATCTGCAGGGGAAGGTG
GAGGTGGAGGCAGGGAAGGAGAACATGAAGTTTGAGACGGGCGCCTTCTCCTACTATGGG
ACTATGGCCCTGACCTCGGTCCCTCCGACCGTCCCCAGCACACCCACCCACTCAGC
CGCTCAGCCTCCCTCAGTTACCCAGACCGCACAGACGTCTCAACTGCAGCAACCTTGGCA
GGCAGCAGCAACCAGTTTGGCAGCTCTGTCTGGGCCAGTACATCTCTGACTTCAGCGTC
CGGGCACTCGTGGACTTGACGTACATCAAGTCACTCGGCAGCAGTACCAGAACGGGCTG
CTGGCTTCTCGCATGGAGAACAGCCCTCAGTTTCCCATAGACGGGTGCACCACCCACATG
GAGAACTTGGCCGAGAAGTCTGAGCTGCCTGTGGTGGACGAGACCACAACCTTCTCAAC
GAGCGTAACTCCTTGCTGCACAAAGCCTCCACGAGAATGCCATC
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**Restriction Sites:** Please inquire

**ACCN:** NM\_020184

**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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<a href="#">NM_020184.3</a> , <a href="#">NP_064569.3</a>
<b>RefSeq Size:</b>	4814 bp
<b>RefSeq ORF:</b>	2328 bp
<b>Locus ID:</b>	26504
<b>UniProt ID:</b>	<a href="#">Q6P4Q7</a>
<b>Cytogenetics:</b>	2q11.2
<b>Domains:</b>	CBS, DUF21
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	This gene encodes a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. The encoded protein may play a role in metal ion transport. Mutations in this gene are associated with Jalili syndrome which consists of cone-rod dystrophy and amelogenesis imperfecta. [provided by RefSeq, Feb 2010]