

Product datasheet for **SC213907**

CNNM2 (NM_017649) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CNNM2 (NM_017649) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CNNM2
Synonyms:	ACDP2; HOMG6; HOMGSMR
ACCN:	NM_017649
Insert Size:	2000 bp



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Insert Sequence: >SC213907 3'UTR clone of NM_017649
 The sequence shown below is from the reference sequence of NM_017649. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACAGCCTGCACAACGAAGGCGCCATCTAGGCCGCGCTGGCTGCACCCGCCAGGCCCGCACCCGCCCA
GTCCCGAGGGCCCGCCCTGTCTGCCATGACTTCACTGGTGTGAGCTTGTCCGCCATGTGTACCCTG
CAACATCTGAGACCAAAGACCTTGTGCCCTTCCAGGAGCCGCGGAGGAGGACAGTGAGGGAGGAATG
GAAACGAGAGATGTGAAGTTGGCAGCCGGGCATGGCGTTCAAGATTTTGGAGATGAACTGATCCGCC
CAAATAGAATCATGTTTATTTTTTCAGCTCTCCCTTTTATCATTATTCACACTCTCTGCCCTCGATTT
GCATGAAGTTGAAAATTGTTGCGATTTATTTTTCAAGAGATCATGTTTTAAAGTGTCTTTTGCAGAG
TTTTAAGTTGTTCTGTCTGAACTCTGCTGTGATCCCATGATGTGACCCTGATGGGCTGGACTTGGCCCT
CCGGTAGCCTTCCCTTGGCCCTCCAGCGAGGGGACCCCTTCTCTGTGCCCCAGTGGGCATCACCGTCG
ATCTCGCTGGCTGAATGAAGAAGACCGTGTACTGCAGAACCTGCCAAGTCTGTATCACTGTGGGGTG
TAGCCTGCCTCAGAGGGACCTGCAATCACCTCTCTGAGCTCAGTGGTATTTTGAAGATTTAATGTTTAA
CTGTACCCTTTCCCTCAGGAAGATTTAACATTTGCTTGGGAATGTGATTTTGTCCCACCTAAGGAA
TTTTTATACCAAATGAATGTTAATGAATTTAAACCATGGTTTATCATTGGCAAGAGGCAAGTTGA
CTTCATCTGTCAATCCAGCCTGGGGTCTGCCAGCCAGCCCTCTCCCGACCCAGCGCCTAAGCTCAC
AGAGTGTGTCGCGCCACCTCCCTGGTCTTGTCTTGTAAACCAAGATGCTGTACACAGATGCCAAA
TGGAAATCTTCCACAGGGCTTTTTCAAGTAAACAGTGTGAGTGGAGTCAAGCTCTCCCTCCCTCCACTA
GAACATACTTTAACAGAAAACGAGTCGGACCTTCTAGCTGCACCTGTACTGTGTGCCGAGAAGGCATT
TCTAGACCCGTGTTTTTAAAGGAGGGAACTTTGGGGATTGCCAGCCCTGCTCCTCTCCAGGGAGCC
AACTGTCCCTCCTCCCTGTCCCTGGGCCCATGGGGCCCGCAGTGGCTGTGTCCCTGCCTGAGGGCT
CTGTGCCTCCTGCCTCAGATGCGGCCTGTGCCAGAGAGGCTGCCTGTACAGCCAGGGTCAAGTTGGCCC
CAAACAGGGATTAGAAACCAAATGTGTGTTGTGGCCATTTTATGTGTCTCCGTCTTATTTTAAATAC
CAAATTCATCATGTAGTGAATATGTCAGGAGGTATATGAGTGAATTTCTTAACTATAGCTTATC
TGTGTTTTGTAGCCCGAGGGATATGTGCAGGTTGTTGGCGCTATTCATGCACTGAAATGAAATCATAC
TGACCAGTGTACACACAAGATTATCAGTGCCCGCCGATCCATCACTAGGAAAGGAGAGAGCGTTTTCT
GTTTAGGCTCACTGCGCAAAGGGAGGCCTTGGCTAAGTGGCAGTTTTCTCTCCCTACTCCAGGTAGGA
AGTCTGTTAGCCACGGCTGGGCTGTGTGCGGGGAGGGAGCGTGGCTGAGGAGCAGACAGCAGCGGGC
CGGGCTGGCTGCCTGGTGTGAGCAGTTTGGTGCCTCGGGTGTGTGCATGCCCGGCTCAGTATTTCTCTG
GGATGCCAGTCCCTGGAGTGTCTTCTCAGAAGGTGCCGTGCCCTTAGTGGGGGAAAGTACTGATCTCA
CTTGGTGTAGAGGGTACAGGGACCCCGAGGGTGTGAGTGGCCTGCTACTGGCACGCAACCTGCC
CCGTGGGATGAAGCCCCACCGGTAGCTTACCTTAGAGGGGACCCCACTAAGCATCCTTTTTTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_017649.5](#)

Summary: 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 an important role in magnesium homeostasis by mediating the epithelial transport and renal reabsorption of Mg²⁺. Mutations in this gene are associated with renal hypomagnesemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 54805

MW: 72.6