

## Product datasheet for SC121247

### CMTM2 (NM\_144673) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CMTM2 (NM_144673) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMTM2
Synonyms:	CKLFSF2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC121247 sequence for NM_144673 edited (data generated by NextGen Sequencing)

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ATGGCACCTAAGGCGGCAAAGGGGGCCAAGCCAGAGCCAGCACCAGCTCCACCTCCACCC
GGGGCCAAACCCGAGGAAGACAAGAAGGACGGTAAGGAGCCATCGGACAAACCTCAAAG
GCGGTGCAGGACCATAAGGAGCCATCGGACAAACCTCAAAGGCGGTGCAGCCAAAGCAC
GAAGTGGGCACGAGGAGGGGGTGTGCGCGCTACCGGTGGGAATTAAGACAGCAATAAA
GAGTTCTGGCTCTTGGGGCAGCTGAGATCAAGATTCGGAGTTTGGGCTGCCTAATAGCT
GCAATGATACTGTTGCTCCTCACTCACCCTGCACCCCATCTTGAGGCTTATCATCACCATG
GAGATATCCTTCTCAGCTTCTTCATCTTACTGTACAGCTTTGCCATTCATAGATACATA
CCCTTCATCCTGTGGCCATTTCTGACCTTTCAACGACCTGATTGCTTGTGCGTTCCTT
GTGGGAGCCGTGGTCTTTGCTGTGAGAAGTCGGCGATCCATGAATCTCCACTACTTACTT
GCTGTGATCCTTATTGGTGCGGCTGGAGTTTTTGTCTTTATCGATGTGTGCTTCAAAGA
AACCACCTCAGAGGCAAGAAGGCCAAAAAGCATATGCTGGTTCCTCCTCCAGGAAAGGAA
AAAGGACCCAGCAGGGCAAGGGACCAGAACCCGCCAAGCCACCAGAACCTGGCAAGCCA
CCAGGGCCAGCAAAGGGAAAGAAATGA

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Clone variation with respect to NM\_144673.2



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_144673 unedited NNGGTTAAATTTGTAAACACTATTAGGCGGCCGCGATTCCGCCCTTGGTCATCATGGCAC CTAAGCGGCAAAGGGGCCAAGCCAGAGCCAGCACCAGCTCCACCTCCACCCGGGGCCAAA CCCGAGGAAGACAAGAAGGACGGTAAGGAGCCATCGGACAAACCTCAAAAGGCGGTGCAG GACCATAAGGAGCCATCGGACAAACCTCAAAAGGCGGTGCAGCCCAAGCACGAAGTGGGC ACGAGGAGGGGGTGTGCGCCGCTACCGGTGGGAATTAAGACAGCAATAAAGAGTTCTGG CTCTTGGGGCACGCTGAGATCAAGATTCCGAGTTTGGGCTGCCTAATAGCTGCAATGATA CTGTTGTCTCACTCACCGTGCACCCCATCTTGAGGCTTATCATCACCATGGAGATATCC TTCTTCAGCTTCTCATCTTACTGTACAGCTTTGCCATTCATAGATACATACCCTTCATC CTGTGGCCATTCTGACCTCTTCAACGACCTGATTGCTTGTGCGTTCCTTGTGGGAGCC GTGGTCTTTGCTGTGAGAAGTCGGCGATCCATGAATCTCCACTACTTACTTGCTGTGATC CTTATTGGTGGGCTGGAGTTTTTGTCTTTATCGATGTGTCTTCAAAGAAACCACTTC AGAGGCAAGAAGGCCAAAAGCATATGCTGGTTCCTCCTCAGGAAAGGAAAAAGGACCC CAGCANGGCAAGGACCAGTACCGCCAAGCCACCAGAACCTGGCAAGCCACCAGGGCCA GCATAGGGAAGAAATGACTTGGAGGANGCTCCTGGTGTCTGAAACGGCAGTGATAAG GGCGAATTCAGATCTGGTACCGATCAAGCTTGTGACTCTAGATTGGCGCCGAGTCA TAGCTGNTTCTGAACAGATCCN
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_144673
<b>OTI Disclaimer:</b>	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_144673.2</a></u> , <u><a href="#">NP_653274.1</a></u>
<b>RefSeq Size:</b>	1073 bp
<b>RefSeq ORF:</b>	747 bp
<b>Locus ID:</b>	146225
<b>UniProt ID:</b>	<u><a href="#">Q8TAZ6</a></u>
<b>Cytogenetics:</b>	16q21
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

This gene belongs to the chemokine-like factor gene superfamily, a novel family that links the chemokine and the transmembrane 4 superfamilies of signaling molecules. The protein encoded by this gene may play an important role in testicular development. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).