

## Product datasheet for **SC307223**

### CMTM4 (NM\_178818) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CMTM4 (NM_178818) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMTM4
Synonyms:	CKLFSF4
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_178818 edited ATGCGGAGCGGCGAGGAGCTGGACGGCTTCGAGGGCGAGGCCTCGAGCACCTCCATGATC TCGGGCGCCAGCAGCCCGTACCAGCCACCACCGAGCCGGTGAGCCAGCGCCGCGGGCTG GCCGGCCTGCGCTGCGACCCGACTACCTGCGCGGCGCGCTCGGCCGCCTCAAGGTCGCC CAAGTGATCTTGCCCTGATTGCATTCATCTGCATAGAGACCATCATGGCATGCTCCCGG TGTGAAGGCCTCTACTTTTTGAGTTTGTGAGCTGCAGTGCGTTTGTGGTGACTGGCGTC TTGCTGATTATGTTCACTCTCAACCTGCACATGAGGATCCCCAGATCAACTGGAATCTG ACAGATTTGGTCAACACTGGACTCAGCGCTTTCCTTTTCTTTATTGCTTCAATCGTACTG GCTGCTTTAAACCATAGAGCCGGAGCAGAAATTGCTGCCGTGATATTTGGCTTCTTGAG ACTGCGGCATATGCAGTGAACACATTCTGGCAGTGCAGAAATGGAGAGTCAGCGTCCGC CAGCAGAGCACCAATGACTACATCCGAGCCCGCAGGAGTCCAGGGATGTGGACAGTCGC CCTGAGATCCAGCGCCTGGACACTTTTTCTACTCCACAACGTAACAGTAAGGAAAAAA TACCCCAAAACCTGCTGAGTTTGAATCACTGGCAACTTGCTAG
Restriction Sites:	Please inquire
ACCN:	NM_178818
Insert Size:	700 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_178818.2.



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<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_178818.2</a> , <a href="#">NP_848933.1</a>
<b>RefSeq Size:</b>	3430 bp
<b>RefSeq ORF:</b>	705 bp
<b>Locus ID:</b>	146223
<b>UniProt ID:</b>	<a href="#">Q8IZR5</a>
<b>Cytogenetics:</b>	16q21-q22.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>