

## Product datasheet for **SC331296**

### CMTM2 (NM\_001199317) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CMTM2 (NM\_001199317) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CMTM2  
**Synonyms:** CKLFSF2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331296 representing NM\_001199317.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCACCTAAGGCGCAAAGGGGGCCAAGCCAGAGCCAGCACCAGCTCCACCTCCACCCGGGGCCAAA  
CCCGAGGAAGACAAGAAGGACGGTAAGGAGCCATCGGACAAACCTCAAAGGCGGTGCAGGACCATAAG  
GAGCCATCGGACAAACCTCAAAGGCGGTGCAGCCCAAGCACGAAGTGGGCACGAGGAGGGGTGTCGC  
CGTACCGGTGGGAATTAAGACAGCAATAAAGAGTTCTGGCTCTTGGGCACGCTGAGATCAAGATT  
CGGAGTTTGGACCTCTTCAACGACCTGATTGCTTGTGCGTTCCTTGTGGGAGCCGTGGTCTTTGCTGT  
AGAAGTCGGCGATCCATGAATCTCCACTACTTACTTGCTGTGATCCTTATTGGTGGGCTGGAGTTTTT  
GCTTTTATCGATGTGTCTTCAAAGAAACCACTTCAGAGGCAAGAAGGCCAAAAAGCATATGCTGGTT  
CCTCCTCCAGGAAAGGAAAAAGGACCCAGCAGGGCAAGGGACCAGAACCCGCCAAGCCACCAGAACCT  
GGCAAGCCACCAGGGCCAGCAAAGGGAAAGAAATGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001199317  
**Insert Size:** 588 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).



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**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\\_001199317.1](#)

**RefSeq Size:** 914 bp

**RefSeq ORF:** 588 bp

**Locus ID:** 146225

**UniProt ID:** [Q8TAZ6](#)

**Cytogenetics:** 16q21

**Protein Families:** Transmembrane

**MW:** 21.4 kDa

**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 (2) lacks an in-frame exon in the coding region, compared to variant 1. The resulting protein (isoform 2) is shorter, compared to isoform 1.