

Product datasheet for **SC333544**

CMTM5 (NM_001288744) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CMTM5 (NM_001288744) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMTM5
Synonyms:	CKLFSF5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333544 representing NM_001288744. Blue=Insert sequence Red=Cloning site Green=Tag(s)

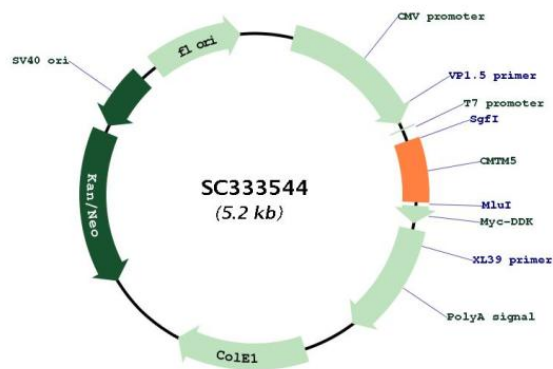
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTCAGTGCTCGAGATCGCCGGGACCGGCACCCTGAGGAGGGGTAGTTGCAGAGCTCCAGGGCTTC
GCGGTGGACAAGGCCTTCCTCACCTCCCACAAGGGCATCCTGCTGGAAACCGAGCTGGACTTCCTGCGC
TGTGTCAGTGCCATCATCATCTTCCTGGTGGTCTCCTTTGCAGCTGTGACCTCCCGGGACGGAGCTGCC
ATTGCTGCTTTTGTGGCATCATCCTGGTTCCATCTTTGCCTATGATGCCTCAAGATCTACCGG
ACTGAGATGGCACCCGGGGCCAGCCAGGGGGACCAGCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001288744

Insert Size: 318 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).

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_001288744.1](#)

RefSeq Size: 1064 bp

RefSeq ORF: 318 bp

Locus ID: 116173

UniProt ID: [Q96DZ9](#)

Cytogenetics: 14q11.2

Protein Families: Transmembrane

MW: 11.5 kDa

Gene Summary: This gene encodes a member of the chemokine-like factor superfamily. This family of genes encodes multi-pass membrane proteins that are similar to both the chemokine and the transmembrane 4 superfamilies of signaling molecules. The encoded protein may exhibit tumor suppressor activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Transcript Variant: This variant (4) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (d) is shorter, compared to isoform a.