

Product datasheet for RC219768

CMTM1 (NM 181296) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CMTM1 (NM_181296) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: CMTM1

Synonyms:CKLFH; CKLFH1; CKLFSF1Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >RC219768 representing NM_181296

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGATCCTGAACACGCCAAACCTGAGTCATCCGAGGCACCTTCAGGGAACTTGAAACAACCGGAGACTG

CCGCAGCCCTGCGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC219768 representing NM_181296

Red=Cloning site Green=Tags(s)

MDPEHAKPESSEAPSGNLKQPETAAALR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

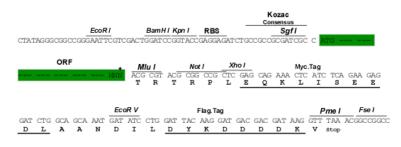
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



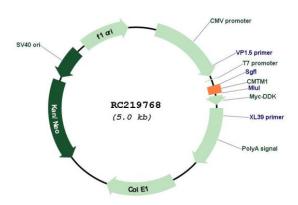
Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_181296

ORF Size: 84 bp



CMTM1 (NM_181296) Human Tagged ORF Clone - RC219768

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 181296.3</u>

 RefSeq Size:
 512 bp

 RefSeq ORF:
 87 bp

 Locus ID:
 113540

 UniProt ID:
 08IZ96

Cytogenetics: 16q21

Protein Families: Transmembrane

MW: 3 kDa

Gene Summary: 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. The protein encoded by this gene may play an important role in testicular development. Alternatively spliced transcript variants encoding different isoforms have been identified. Naturally occurring read-through transcription occurs between this locus and the neighboring

locus CKLF (chemokine-like factor).[provided by RefSeq, Feb 2011]