

Product datasheet for **SC123687**

CMTM7 (BC010116) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CMTM7 (BC010116) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMTM7
Synonyms:	chemokine-like factor super family 7; chemokine-like factor superfamily 7; chemokine-like factor super family member 7 variant 2; CKLF-like MARVEL transmembrane domain containing 7; CKLFSF7; FLJ30992
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC010116 edited</p> <pre>GCGAGCTGGGGCCGCGCAATGTCGCACGGAGCCGGGCTCGTCCGCACCACGTGCAGCAGC GGCAGCGCGCTCGGACCCGGGGCCGGCGCGGCCAGCCAGCGCGAGCCCTTGGAGGGG CTGCTGGACCTCAGCTACCCCGCACCCACGGGCCCTGCTGAAAGTGGCGCAAATGGTC ACCCTGCTGATTGCCTTCATCTGTGTGCGGAGCTCCCTGTGGACCAACTACAGCGCCTAC AGCTACTTTGAAGTGGTCACCATTTGCGACTTGATAATGATCCTCGCCTTTTACCTGGTC CACCTCTCCGCTTCTACCGCGTGTCTCACCTGTATCAGCTGGCCCTGTGGAACCTCTG CACTATTTAATCGGTACCCTGCTCCTCCTCATCGCCTCCATTGTGGCAGCTTCCAAGAGT TACAACCAGAGCGGACTGGTAGCCGGAGCGATCTTTGGTTTTATGGCCACCTTCCTCTGC ATGGCAAGCATATGGCTGTCTATAAGATCTCGTGTGTAACCCAGTCCACAGATGCAGCC GTCTGATGAGGCCACAACCCCTAGGCCCTCAGGAGCTTTGCAGAGAGGAGGACGTGTAC TCCAGGCGAGGCCTCTGGACCTGTGTTCTGTGCCAAAGTCTGTGAGGCTGGTGGGCAC CAGGAAAGGCCTGCACCCTTCTCTGCTCTCCAGGAAGCCAGCTCCCTGAGCTCCTGAG CCAGCCGAAAACCTTCTCCAGCCTTCCGGGGAGAACATCCCTCCATTCTGGGAAAGG AAAGCAGCCTCCAGGAAATGTTTTCTGCCTTCTGCTTCTAGAACCACCTCAGGTACTG ATGAACCCCACTTAGCACAGCTGAAGGGTTTGTGAATACTCCCGCCTAAATCCCTCTA CTTCACTCCTCAGGGGAGTGAAGTGCCTTAAGAAACAAAGCCCTGTCTAATTTATCTAG CTTGTCAGTCCGGTCTTAGAGATACCCTCTTCTGAAAGTGAAGCGTGCCTGTAGAAACA CTATGTGGTCAGCCTGTCCCAAGGAGATCTTGTGTCTCCTCTCCATCTCTGCCTTTGTT ACCAGTGTGCATGTGTTGTGTGTTTTTAATAAAATATTGACTCGGCCAGTAAAAAA AAAAAAAAAAAA</pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010116 unedited NNNNCCTAGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCG AGCTGGGGCCGCGCAATGTCGCACGGATCCGGGCTCGTCCGCACCACGTGCAGCAGCGGC AGCGCGCTCGGACCCGGGGCCGGCGCGGCCATCCCAGCGCGAGCCCCTTGGAGGGGCTG CTGGACCTCAGCTACCCCGCACCCACGCGGCCCTGCTGAAAGTGGCGCAAATGGTCACC CTGTGATTGCCTTCATCTGTGTGCGGAGCTCCCTGTGGACCACTACAGCGCCTACAGC TACTTTGAAGTGGTCACCATTTGCGGACTGATAATGATCCTCGCCTTTTACCTGGTCCAC CTCTCCGCTTCTACCGGTGCTCACCTGTATCAGCTGGCCCCTGTCGGAACCTCTGCAC TATTTAATCGGTACCCTGCTCCTCCTCATCGCCTCCATTGTGGCAGCTTCCAAGAGTTAC AACCGAGCGGACTGGTAGCCGGAGCGATCTTTGGTTTCATGGCCACCTTCTCTGCATG GCAAGCATATGGCTGTCTATAAGATCTCGTGTGTAACCCAGTCCACAGATGCAGCCGTC TGATGAGGCCACAACCCCTAGGCCCTCAGGAGCTTTCAGAGAGGAGGACGTGTACTCC AGGCGAGGCTCTGGACCTGTGTTCTGTGCCAAAGTCTGTGAGGCTGGTGGGCACCAG GAAAGGCTGCACCCTTCTCTGCTCTCCAGGAAGCCAGCTCCCTGAGCTCTGAGCCA GCCGAAACTTCTCTCCAGCCTCCGGGGAGAACATCCCTCCCATTCTGGGAAAGGAAA GCAGCCTCCAGGGAATGG
Restriction Sites:	Please inquire
ACCN:	BC010116
Insert Size:	1161 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:	<ol style="list-style-type: none"> 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:	BC010116.2 , AAH10116.1
RefSeq Size:	1152 bp
RefSeq ORF:	525 bp
Locus ID:	112616
Cytogenetics:	3p22.3
Protein Families:	Transmembrane

Gene Summary:

This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. This gene acts as a tumor suppressor that regulates G1/S transition in the cell cycle, and epidermal growth factor receptor/protein kinase B signaling during tumor pathogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]