

Product datasheet for **SC126380**

CMC1 (NM_182523) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CMC1 (NM_182523) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMC1
Synonyms:	C3orf68
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_182523 edited GAGGGAACGGGTCCTGGCGGTGCTTTGCAAAGGGCCCGTGTTTCTGTTGCGGGAAGCTCC CGGGGGTCGCACGTGCGTCCGAGCCCAAGCCCTCCCTCCACTCCCCTTCCTGCGTGCC CCGGAGCCGCCAAGCGGTACGTTCTTCTCGGCCCGCCGAGATGGCGCTCGACCCGCGAG ACCAGCATCTCAGACATGTCGAAAAAGATGTTTTGATCCCTAAAATAATGAGAGAAAAGG CCAAAGAGAGGTGTTCTGAACAAGTTCAAGATTTTACCAATGTTGCAAGAACTCTGGAG TTCTTATGGTAGTAAATGCCGGAAGAAAATTCTGCATTGAAAGAATGTCTAACTGCTT ACTATAATGATCCAGCCTTTTATGAAGAATGCAAAATGGAATACCTGAAGGAAAGGGAAG AATTTCAGAAAACTGGAATTCCTACAAAGAAAAGGCTACAGAAGCTTCCAACAAGCATGT AGGCAGATACTCAAATGACATTCAGGAACTCTAATATTCATGGAAGTCATTTTATAGTCC TTAATAATGGACTCAAGCATATATGTTTGCTTTACCTTAATTATGGAATATTAACTTT ATCTGAAATAAATATTTTATTTCAAAAAAAAAAAAAAAAAA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_182523 unedited TCAGTCAAATTTGTATACGACTCACTATAGGCGGACCGCGATTCAATCTGGTACCGGT CCGGAATCCCGGGATATCGTCGACCCACGCGTCCGGAGGGAACGGGTCTGGCGGTGCT TTGCAAAGGGCCCGTGTCTGTGCGGGAAGCTCCCGGGGTCGCACGTGCGTCCGAGC CCAAGCCCCTCCCTCCACTCCCCTTCTGCGTGCCCGGAGCCGCAAGCGGCTACGTT CTTCTCGGCCCGCGAGATGGCGCTCGACCCCGCAGACCAGCATCTCAGACATGTCGAAA AAGATGTTTTGATCCCTAAAATAATGAGAGAAAAGGCCAAAGAGAGGTGTTCTGAACAAG TTCAAGATTTTACCAAATGTTGCAAGAACTCTGGAGTTCTTATGGTAGTAAATGCCGGA AAGAAAATTCTGCATTGAAAGAATGTCTAACTGCTTACTATAATGATCCAGCCTTTTATG AAGAATGCAAAATGGAATACCTGAAGGAAAGGGAAGAATTCAGAAAACTGGAATTCCTA CAAAGAAAAGGCTACAGAAGCTTCCAACAAGCATGTAGGCAGATACTCAAATGACATTCA GGAAGCTAATATTATGGAAGTCATTTTATAGTCCTTAAATAATGGAAGTCAAGCATATA TGTTTGCTTTACCTTAATTATGGAATATTAACCTTATCTGAAATAAATATTTTATTTCA NAAAAAAAAAAAAAGGGCGGCCGCGGTATAGCTGTTTCTGAACAGATCCCGGTGG CATCCCTGTGACCCCTCCCAAGTGCCTCTCTGCGCCTGGAAGTGCCACTCCAGTGCCCA CAGCCTTGTCTAATAAATAAGTTGCATCATTTGTCTGACTAGGTGTCTCTATATATAT GGGTGAGC
Restriction Sites:	Please inquire
ACCN:	NM_182523
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:	<u>NM_182523.1</u> , <u>NP_872329.1</u>
RefSeq Size:	640 bp
RefSeq ORF:	321 bp
Locus ID:	152100
UniProt ID:	<u>Q7Z7K0</u>
Cytogenetics:	3p24.1

Gene Summary:

Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) lacks two alternate exons compared to variant 1. The resulting isoform (4) has the same N- and C-termini but is shorter compared to isoform 1.