

Product datasheet for MC202376

Cmc1 (NM_026442) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cmc1 (NM_026442) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cmc1
Synonyms: 2010110K16Rik; 2010312P05Rik; AI596001
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC056653 sequence for NM_026442
 CGCGTGAGTGGCTTGCTGCTTCTCCGCCCTCCGAGATGGCGCTGGACCCCGAGAGCAGCATCTGAGACA
 CGTCGAGAAAGATGTTCTGATCCCAAAGATAATGAGAGAAAAGGCCAGAGAAAAGGTGCTCCGAACAAGTT
 GAAGATTTTACCAGATGTTGCAAGGACTCTGGGATCCTTATGGATTTAAATGCCGAAAGAGAATTCTG
 CACTGAAAGACTGTCTAACTGCTTACTATAATGATCCAGCTTTCTATGAAGAATGCAAACCTGGAGTATCT
 CAAGGAAAGGGAAGAATTCAGAAAACTGGAGTTCCTACCAAGAAGAGGCTGCAGAAGCTTCCCACAAAC
 ATGTAGGCAAAGCTCATCAGGAAGTCCCGTCTTACGGAAGCCAGTTATCACTTAACCCAGAAATGATGGA
 CTGAAACAATGTTTGCTCACCCTGATCATGAAAATATTGAGTTTTTAAAAATAAAATACAAATATTTATT
 TCAGAGTTCTGATTTATTAATATGAAATAGGGGAAAAATATATTGTTCTCTGGTCTTACCCCAAGTTC
 TGTAACCTGACTGCAATCACAGTGCTAACTGTCATAGAGTTTCATGTGTACATTTCTTCTGATGGTGC
 AGGCTGATGGCTAGTGTGGGATGAAAGGACTAAAGCAAAGGAGGAATGGAGCGCCTTCAACACTGCTAAC
 GGCAGCAGTGAACCAGAGCCTTCTCACTCTACCCCTTAGTGTGCCAGCCACTGTAGCCAGCAGTCTCTT
 ACGGCGATAACTTAGCCAGCACTGCCATCAGAGTCTTATGTGAAAACAGATGAGATTTGGTGAATTTT
 TACTGAAACCTTTGACAGAAAAGTTTCTGTATTGTTTCTTGATCTTTTGAACCTGGCTACTGAAAATACT
 GTATAATCTTGGATTTTAAAGAAGTTGCCATTGTTAAGTGTGAACCTCTGTTTTGTAATATTGGGGGCTTG
 GGAGGAACTGTGGTAAGTTTCTCTTTTAGTGTGTACCCTAGTCTGAGCTTTTTATATAAAACTATTT
 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026442

Insert Size: 321 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).



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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:	<u>BC056653</u> , <u>AAH56653</u>
RefSeq Size:	1076 bp
RefSeq ORF:	321 bp
Locus ID:	67899
UniProt ID:	<u>Q9CPZ8</u>
Cytogenetics:	9 F3
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]