

Product datasheet for MC203147

Cox19 (NM_197980) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cox19 (NM_197980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cox19
Synonyms:	1810074D02Rik; 2810437L13Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC031792 GGATTTCCGCGTGATGTCGACCGCAATGAACCTCGGGACCAAAAGCTTCCAGCCGCGCCCCAGACAAA GGCAGCTTCCCGCTGGACCACTTCGGTGAATGTAAAAGCTTTAAAGAAAATTCATGAGGTGTCTCCGTG ACAAGAATATGAAAATGCTTTGTGCAGAAATGAATCTAAAGAGTATTTAATGTGCAGGATGCAAAGGCA GCTGATGGCACCCGAGCCGCTAGAGAAGCTCGGCTTTAGAGACCTAATGGAAGGGGAGCCAGAGGCAAAG GATGAATGTTGAGAAGGGAGCCACAGGACCTTGTCCCCAGCCTGGAGCAGAGCTGAGCCCTTCTGCCAC AGTGCAGGGGGACCTGACACTCAGCCCGTGTGCCCGTGCAGGGGCTCTCCCTGGGGACTTTAGAACAT GGCTCACCCCTGCAGCACACACCGAAATGTTTCTCTGTTGACCTCGGTTCCCTCTAGAGAGTGTGTTT TTCTTCCGTCTGTGTGCACAGGACCCGTGAGGACTGAACCTGCTGTGATTTGATATCCCGCCAGAGT GGCTGTACACCACAGAGCCCTGGCCAGCATTCCACAGCGACTCAGCCTGTCACAGATCTGAGTCCCTCAC ACTGGAACCTGTCAATGAAACCAAGCGACAGGAAAATGTCCGCCCTTTGTGCTCACAGACTCATATCAGC TGGCTTCCCTTCTCTGTGTTCTCTCTGTGAACAAAGCTGGAATACAAAGTAGGAAGTGAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_197980
Insert Size:	279 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).



[View online »](#)

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: [BC031792](#), [AAH31792](#)

RefSeq Size: 778 bp

RefSeq ORF: 279 bp

Locus ID: 68033

UniProt ID: [Q8K0C8](#)

Cytogenetics: 5 G2

Gene Summary: Required for the transduction of an SCO1-dependent redox signal from the mitochondrion to ATP7A to regulate cellular copper homeostasis. May be required for the assembly of mitochondrial cytochrome c oxidase.[UniProtKB/Swiss-Prot Function]