

Product datasheet for **MC204916**

Cox17 (NM_001017429) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cox17 (NM_001017429) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cox17
Synonyms:	A1037035
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048668 GTCCCCCTTCGATTGACTGCGGAAGTGGAGACAGACGGCTCAGGGTAGTCGGAGTTTGGGAGCTTTGCCG GTGTGCGCTCATAGTTGCTTTGCGCTGGAAAGATGCCGGGACTGGCGGCCGCTAGCCCTGCCCGCCCGA GGCTCAGGAGAAGAAGCCACTGAAGCCCTGCTGTGCCTGCCGGAACCAAGAAGCGCGTGATGCGTGC ATCATTGAGAAAGGAGAAGAACAACACTGTGGACATCTCATTGAAGCCACAAAGGAGTGCATGAGGGCACTGG GATTTAAGATATGACGTGGTGGCCTACTTTGTGAATGAATAATCCTTGAAGAATGAAGAAGATTAATAT TTTGAAGTTCTTTGGAGAACTTTGATAAATGGATAAAGTATTTATAATTTATTAACAAAACAGAAGGAAA GAAA AAAAAA
Restriction Sites:	Sfil-Sfil
ACCN:	NM_001017429
Insert Size:	192 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).



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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: [BC048668](#), [AAH48668](#)

RefSeq Size: 496 bp

RefSeq ORF: 192 bp

Locus ID: 12856

UniProt ID: [P56394](#)

Cytogenetics: 16 B3-B4

Gene Summary: Copper metallochaperone essential for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase. Binds two copper ions and delivers them to the metallochaperone SCO1 which transports the copper ions to the Cu(A) site on the cytochrome c oxidase subunit II (MT-CO2/COX2).[UniProtKB/Swiss-Prot Function]