

## Product datasheet for MC204900

### Cox6b2 (NM\_183405) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cox6b2 (NM_183405) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cox6b2
Synonyms:	1700067P11Rik; BC048670; COXVIB2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048670 GGAAGCACGAGGCGCCCTCTAGGCCCCACGGAGCCCTGCACCCCTTCTGCAGGAATTGCTACTTGGATG TTGGGTGTTCAAGCCCAGAAGCCCCTCCGGGCCAATGGACAACGCCCCCTTTGATCCGCGCTTCCCTA ACCAGAACCAGACGCGTAACTGCTACCAGAATTTCTGGACTACCACCGGTGTGTGAAGACCATGAATCG CCGCGGAAAGAGCACACAACCCTGCGAGTACTATTTCCGTGTATTCCATTCACTGTGTCCCATCAGCTGG GTGCAGCGCTGGAATGAGCAGATCAAGCAGGGAACCTTCCCGGGCAAATATGACCTTGCACTTGAGCGC TGCTCCCCTGGCGTCATCAACCCTAGTGGCTGTCCTTTCATCAAGCCCCAGCCTGGGTACCCCCCTCCC TCCACTTGTCTTTGTGCCACAAATAAAGTTATTGTGCTGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAA
Restriction Sites:	Sfil-Sfil
ACCN:	NM_183405
Insert Size:	267 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:** [BC048670](#), [AAH48670](#)

**RefSeq Size:** 493 bp

**RefSeq ORF:** 267 bp

**Locus ID:** 333182

**UniProt ID:** [Q80ZN9](#)

**Cytogenetics:** 7 A1

**Gene Summary:** This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. This protein may be one of the heme-binding subunits of the oxidase (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 3. Variants 1 through 3 encode the same isoform (1).