

Product datasheet for **MC205028**

Cox4i2 (NM_053091) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cox4i2 (NM_053091) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cox4i2
Synonyms:	Cox4b; CoxIV-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC049623
 ACTCTGAGGAGCAGCCAGAGAGCAACGTGGTGCTGAACAAGATGTGTCTCTCATCTGCAGATGTTTTCC
 AGAGCTGCCCGGAGTCTGGTAATGAGGACAGGACTCAGAAGTAGAGGGACAGGGACACAGCCAGGAG
 ATGCTGCTGGCAGCCAGAGGAGGATGACCCCTACGTTGACTGCTACGCCAGCGCTCCTATCCCATGCC
 GGATGAGCCCTTCTGCACAGAGCTCAGCGAGGAGCAGCGGCCCTGAAGGAGAAAGAGAAGGGCAGCTGG
 ACCCAGCTGAGCCAAGCAGAGAAGGTGGCCTTGTACCGGCTCCAGTTCCATGAAACCTTCGCAGAGATGA
 ACCATCGCTCCAACGAATGGAAGACAGTGATGGGCTGCGTCTTCTTTCATTGGATTACGGCTCTGGT
 GATTTGGTGGCAGCGAGTCTATGTGTTCCCTAAGAAGTTGTACCCTGACGGAAGAACGGAAAGCCCAA
 CAGCTCCAGCGCCTCCTGGACATGAAGAGCAACCCCATACAGGGCCTGGCTGCCACTGGGATTATGAAA
 AGAAGGAGTGAAAAAGTGACCAACGTCCCACGTCTGCCGCCAGCCCTGCAAACCTGCTTCTGCAGCCCA
 GGAGACAATCATCCCCTCCCCTCCCCTCCCCTCCTCCTCCTGAGTCCTGTCTCCACTCCCTTCTCC
 AATAAAAAGCAGCCTGCTTTGTTCTGCTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_053091

Insert Size: 519 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: [BC049623](#), [AAH49623](#)

RefSeq Size: 759 bp

RefSeq ORF: 519 bp

Locus ID: 84682

UniProt ID: [Q91W29](#)

Cytogenetics: 2 H1

Gene Summary: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.[UniProtKB/Swiss-Prot Function]