

Product datasheet for **RN208702**

Cox6b2 (NM_001039085) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cox6b2 (NM_001039085) Rat Untagged Clone
Tag: Tag Free
Symbol: Cox6b2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208702 representing NM_001039085
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGTTGGGTGTTCAAGCCAGATGCCTGCTCCAGGCCAATGGACAACGCCGCCCTTCGACCCGCGCTTCC
CTAACCAAAACCAGACGCGTAACCTGCTACCAGAATTTCTGGACTACCACCGGTGTGTAAGACCATGGA
TCGCCCGGAAAGAACACACAGGCCTGCGACTACTATTCCGTGTATTCATTCACTGTGTCCCGTCAGC
TGGGTGCAGCGCTGGAATGAGCAGATCAAGCAGGGAACTTCCAGGCAAAAT**CTGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001039085

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: [NM_001039085.1](#), [NP_001034174.1](#)

RefSeq Size: 483 bp

RefSeq ORF: 267 bp

Locus ID: 654441

UniProt ID: [Q6YFQ1](#)

Cytogenetics: 1q12

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]