

Product datasheet for **RN200438**

Cox6a2 (NM_012812) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cox6a2 (NM_012812) Rat Untagged Clone
Tag: Tag Free
Symbol: Cox6a2
Synonyms: COX6AH
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200438 representing NM_012812
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTCTGCCTCTTAAGGTCTCAGTCGGAGCATGGCCAGCGCATCCAAAGGAGACCACGGAGGCGCAG
GAGCCAACACTTGGCGCCTCTGACCTTTGTGCTGGCTCTCCCCAGCGTAGCTCTCTGCTCGCTTAAGT
CTGGATGCACGCTGGCCACCATGAGCGCCAGAATTCATCCCCTATCACCACCTCCGCATCCGAACCAAG
CCCTTCTCCTGGGGGATGGGAACACACGCTTTCCACAATCCCCACGTCAATCCTTTGCCACCGGCT
ACGAGCAGCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012812

Insert Size: 294 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: [NM_012812.3](#), [NP_036944.2](#)

RefSeq Size: 493 bp

RefSeq ORF: 294 bp

Locus ID: 25278

Cytogenetics: 1q37

Gene Summary: heart isoform of subunit VIa of cytochrome c oxidase [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longer transcript.