

Product datasheet for **RN202040**

Cox6a1 (NM_012814) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cox6a1 (NM_012814) Rat Untagged Clone
Tag: Tag Free
Symbol: Cox6a1
Synonyms: COX6AL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202040 representing NM_012814
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCGGCGGTGCTGAGTGC**GTCTCGAGTCTCTGGGCTGCTGGGCCGGGCCCTCCACGGGTGGGGC**
GGCCCATGT**CGAGTGGCGCCACGGCGAGGAGGGTT**CAGCTCGTATTTGGAAGGCCCTCAC**TACTTCGT**
GGCGCTGCCCGGGTGGGAGT**GAGCATGCTCAACGTTTTCTGAAGTCGGACACGAAGAGCACGAGAGA**
CCCGAGTTCGT**CGCTACCCCATCTCCGCATCAGGACTAAGCCCTTCCCTGGGGAGATGGTAACCATA**
CCCTTCCACAATCCTCACATGA**ACCCGCTTCCGACTGGCTATGAAGATGAGTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_012814

Insert Size: 336 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_012814.1](#), [NP_036946.1](#)

RefSeq Size: 549 bp

RefSeq ORF: 336 bp

Locus ID: 25282

UniProt ID: [P10818](#)

Cytogenetics: 12q16

Gene Summary: liver isoform of cytochrome-c oxidase subunit VIa [RGD, Feb 2006]