

Product datasheet for **SC200962**

COX7B (NM_001866) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: COX7B (NM_001866) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: COX7B
Synonyms: APLCC; LSDMCA2
ACCN: NM_001866
Insert Size: 142 bp
Insert Sequence: >SC200962 3' UTR clone of NM_001866
The sequence shown below is from the reference sequence of NM_001866. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

CCTGTTGGCAGAGTTACCCCAAAGGAATGGAGGAATCAGTAAATCATCCCAGCTGGTGAATAATGAATTG
TTTAAAAAACAGCTCATAATTGATGCCAAATTAAGCACTGTGTACCCATTAAGATATGGCATTATTGAA
GA

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001866.2](#)



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Summary:

Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes subunit VIIb, which is highly similar to bovine COX VIIb protein and is found in all tissues. This gene may have several pseudogenes on chromosomes 1, 2, 20 and 22. [provided by RefSeq, Jun 2011]

Locus ID:

1349