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Product datasheet for SC200364

COX7A1 (NM_001864) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COX7A1 (NM_001864) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COX7A1
Synonyms:	COX7A; COX7AH; COX7AM
ACCN:	NM_001864
Insert Size:	90 bp
Insert Sequence:	>SC200364 3'UTR clone of NM_001864 The sequence shown below is from the reference sequence of NM_001864. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTTGGCTGGGCCTCCTTCCCCAGGAATTAAGACCAAGAAGCCTGGGGGGCCTGAGAGACTTGAACAAGT GTCAATAAACGCTGGCCTCTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001864.4

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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 polypeptide 1 (muscle isoform) of subunit VIIa and the polypeptide 1 is present only in muscle tissues. Other polypeptides of subunit VIIa are present in both muscle and nonmuscle tissues, and are encoded by different genes. [provided by RefSeq, Jul 2008]

Locus ID: 1346

MW: 3.5