

Product datasheet for SC202857

COX8A (NM_004074) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COX8A (NM_004074) Human 3' UTR Clone
Symbol:	COX8A
Synonyms:	COX; COX8; COX8-2; COX8L; MC4DN15; VIII; VIII-L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004074
Insert Size:	253 bp
Insert Sequence:	<p>>SC202857 3'UTR clone of NM_004074</p> <p>The sequence shown below is from the reference sequence of NM_004074. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CACCTGGAGACCTACAGGAGGCCAGAGTAGAGGGTCCGTTCTGTCCCTCACACTGTGACCTGACCAGC
CCCACCGGCCATCCTGGTCATGTTACTGCATTTGTGGCCGGCCTCCCCTGGATCATGTCATTCAATTC
CAGTCACCTCTTCTGCAATCATGACCTCTTGATGTCTCCATGGTGACCTCCTTGGGGTCACTGACCCT
GCTTGGTGGGGTCCCCCTTGTAACAATAAAATCTATTTAACTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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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:	<u>NM_004074.3</u>



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Summary:

The protein encoded by this gene is the terminal enzyme of the respiratory chain, coupling the transfer of electrons from cytochrome c to molecular oxygen, with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits, which perform the catalytic function, the eukaryotic enzyme contains nuclear-encoded smaller subunits, ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits. [provided by RefSeq, Jul 2008]

Locus ID:

1351

MW:

9.5