

Product datasheet for SC202072

COX5A (NM_004255) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COX5A (NM_004255) Human 3' UTR Clone
Symbol:	COX5A
Synonyms:	COX; COX-VA; MC4DN20; VA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004255
Insert Size:	691 bp
Insert Sequence:	>SC202072 3'UTR clone of NM_004255 The sequence shown below is from the reference sequence of NM_004255. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGGAGGAACTGGGCCTTGACAAAGTGTAACCGCATGGATGGGCTTCCCAAGGATTTATTGACATTG
CTACTTGAGTGTGAACAGTTACCTGGAAACTGATGATAACATATTACCTTATTTGAACAAGTTTTCC
TTTATTGAGTACCAAGCCATGTAATGGTAACTTGGACTTTAATAAAAAGGGAAATGAGTTTGAAGTAAA
TTAGGTATTTGTTTCATGTGTTTGCATTAATAAGCAGAAAATTAAGTGTGTATTGGTTTCATGGTTTT
GCTGCCCTCTTACATGCTGAGAGAACTGTGTAATTCTCTGGAAACCATCTGACATGAAAATCAGCTTC
ATTAATATGTTTGGGTGCCCTAGCTTGTAAATTAGCTGAAGGCTAGAAGTCATTTATATAGAATTTTCT
TGTTGACACCCTAGGCTTAGGGGACTGGTTGTCTGTGGGGATAGATCAAATTGTGTACCTTTCCAAAAC
AGGTTTTAATGATGTTTAAAAGTGGTCACTGAGATAGTCTTGAGGATGTGCTATGCAGTAGCCAAGCCC
TCTTACGGTGTGTTCTCTCTTAGTGCCCTTTCTTTCTACCTGTTCTCCCTTGCAGTGGTGTATT
AGCCTTGGACATTAACATTTGCTTTGTAAATTTGGAGGCATTCTGATTAACAGCTGAGTAAACAAA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_004255.4
Summary:	Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer of proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Va of the human mitochondrial respiratory chain enzyme. A pseudogene COX5AP1 has been found in chromosome 14q22. [provided by RefSeq, Jul 2008]
Locus ID:	9377
MW:	26.4