

Product datasheet for **SC210011**

SCO1 (NM_004589) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SCO1 (NM_004589) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SCO1
Synonyms: MC4DN4; SCOD1
ACCN: NM_004589
Insert Size: 824 bp
Insert Sequence: >SC210011 3' UTR clone of NM_004589
The sequence shown below is from the reference sequence of NM_004589. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

ATTGCCACACACATGAGGCCATACAGAAAAAGAGCTAGCCAAAGCAGTGTGGCTGGATGCAGTATTCTC
TTGCTAAGAGGAAGGAACTGTCTCGCATAGGAGCCTATATAAATATAAACATATATACGTGCACCTCTAC
AGAATGGCCTTCATACCATGAGAACATTCTGTTTTGGATGGGGATGTTACCCTTGCGTTCAACCAAAT
TGATTCTTGAACTGTAAAGATTACAACCCAAAGTCTCCAGGAAGCTGTGGGAGACCAGAGGATCAAG
CTGAAGTGAAGCCAGTGAAGAGCCACCTGTGGAAGGACATGGCGGGCGAGGCACAGCCAGTGCATTCC
TGCCTGCGGACAGGCCCTCCAGCAGCTTTGCCGCTCTCCATCGTCTTGGGCCCTTGCTCAAATAGCTG
TGGGACTGAATTTACAGAAAAGAATATAATTTCCATAGTGTCTTGGCTTGCCTCTTCTGAGTTCTTTG
CTTTCTGAGTTCTTGGTGGCTAATAACAGTCAGATTAGGTCTCTGCCATTGAGTTGATGCTTGAAA
ACTTTAGTTTTCTTATTAATGAATATCACTATCAGATTTGACTAATGAAGAGGAAATCTATTGTTGGG
GGAAAAAACATCAGTTTGATTCTCTAGGGTCTTTTATGTGATTTTAGCTAAGTGGTGTGCCAGG
TTTTAGTGACATACCAATGGAATAAGAGGATATTGATCAGAGTGTGATGCTGAGTACCTTTCTGCA
TATACTGGATTGACTTTGTGTAAGTAAACATACTCAGTTTTGCTGTTTCAGAC

ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCG

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_004589.2
Summary:	Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq, Jul 2008]
Locus ID:	6341