

## Product datasheet for **SC201682**

### COX7C (NM\_001867) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	COX7C (NM_001867) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COX7C
ACCN:	NM_001867
Insert Size:	352 bp
Insert Sequence:	>SC201682 3'UTR clone of NM_001867 The sequence shown below is from the reference sequence of NM_001867. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTAGTAAGACACCAACTGCTTAAAACATAAGGATGTTTCAGTTCCTCCATTTAACAGATATGAAGAGCA TTTTAAGAGGTGCAGCCTCTGGAAGTGGATCAAACCTAGAACTCATATGCCATACTAGATATGTTTGTCA ATAAACTTATGAGTGAATGCTTAATGCCTCTTTTTGAAATAGGAATGTAATAATTGGCCATTTGCC TACTTTATTATTTGGGTAAACATTCCAGTATTACTCTGTGATTTAGCTATTTAATGGTGTAAACTG AGGTTATATTAATTTTTGATTCCAGGTCAGGATTTTGTGGTAATTTATATAATAAAAGGGAAATAC AAATCGA ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
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><a href="#">NM_001867.3</a></u>



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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 VIIc, which shares 87% and 85% amino acid sequence identity with mouse and bovine COX VIIc, respectively, and is found in all tissues. A pseudogene COX7CP1 has been found on chromosome 13. [provided by RefSeq, Jul 2008]

**Locus ID:** 1350

**MW:** 14