

Product datasheet for **SC202468**

CYC1 (NM_001916) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CYC1 (NM_001916) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CYC1
Synonyms:	MC3DN6; UQCR4
ACCN:	NM_001916
Insert Size:	219 bp
Insert Sequence:	>SC202468 3'UTR clone of NM_001916 The sequence shown below is from the reference sequence of NM_001916. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGGAAGCTGGCATATCGGCCGCCAAGTGAACCTGTCCAGTGTCTGCTTGCCATCCTGCCAGAACAGGC CCTCAAGCCCAAGAGCCATCCCAGGCCTGTTCAAGCCTCAGCTAAGCCTCTTTCATCTGGAAGAAGAG GCAAGGGGGCAGGAGACCAGGCTCTAGCTCTGGGCCCTCCTTCAGCCCCCATCATGGGAATAAATTAAT TTTCTCAATGTA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_001916.5</u>



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Summary: This gene encodes a subunit of the cytochrome bc1 complex, which plays an important role in the mitochondrial respiratory chain by transferring electrons from the Rieske iron-sulfur protein to cytochrome c. Mutations in this gene may cause mitochondrial complex III deficiency, nuclear type 6. [provided by RefSeq, Dec 2013]

Locus ID: 1537

MW: 8.1