

## Product datasheet for **SC216845**

### COQ7 (NM\_016138) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	COQ7 (NM_016138) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COQ7
Synonyms:	CAT5; CLK-1; CLK1; COQ10D8
ACCN:	NM_016138
Insert Size:	1967 bp



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**Insert Sequence:**

>SC216845 3'UTR clone of NM\_016138

The sequence shown below is from the reference sequence of NM\_016138. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGCGATATATTTATCAGAAAGATTATAAAGTGTGTCCAGTTTTGCCTGTCTATAAAGATGATAGTA
ATTTACCAAGTGACATTTGCAGAGAAACAGGTGTACAGTTATCGTTGTACTTTTTGTACAATGTGAATTT
TGTTAATAAATTATAAGGTTTGTTTTTTTTTTTTTTAAACTCTGCAGTGTTGATTTTTCTCTGGGTTGTT
TTTTCTGCCATGAGACCAACAGGTCAACAGCCTTGTTCAGTTACAGCAAACGAAGCTGGGCCTTGTTT
GGTCTCATACTTAATTTCTTTTATACATGTTTTCTTTTACATGCATATATATATATTTTTATTTTA
TTTTATGTTTTTGGAGACAGGGCCTCGCTCTTTGTCCAGGCCGGTCACTCACTGCAGCCTGGA
CCTCTAGCCTCAAGCAATCCACCCACCTCAGCCTTCCAAGTAGCTGGGACTACAGGTGTGCACCACCA
CAGCTGGCTAATCTATTTTTTATAGAGCGAAGTCTCACTATGTCGCCAGGCTGGTCTCTAACTCCT
GGGCTCAGTGATCCTCCGTTTCGACTTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACTTACCAGG
CCCATTTTCTCCTAAAACCTCAAGGACAATCATTAAATGTAACAGGAATCTTTAGGAGAAAAACA
ATTTGGTTTACTGATAACAAAAGATAATTGAAACATGAGAGTATTTGAGATTGGCCAAGCAGAATAT
GAAGTCCATCAAGTAAGTCAAAGATCATCGTTTCTGTTTTGAATTGTGGGTGATAATGGGTGGGAGAGT
GCTACAGTCTGTATGTCTGTGTCTCCCTAGAATTCATACGATGAAATCTTCACTCTCAAGTTGATAGAA
GGTGGGGCCCTTGGGAAGTGTGAGGTGATGAGAGTGGAGCCCTCATGAATGGGATCAGTGCCTTATGAA
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GGAAGCAGACCCCTCACAAAGCAAAATCAGCCAGCACTTTGATCAGGACTTCCAGCCTTAGGACTGT
GAGCAATAAATGTTTGTGTTTATAAGCCACCCAGACTGTGGTATTTTGTATAGCAGCCTGAACAGAC
TAAGACGGGGTGTGCTTCCATCAAAGGATGTAAGTTGTGGATTATTTGTGAAATTGAATTACAA
CCTTTTCTTAAGGTCTTTTACCACCTCCCCCAAAAAAATCCCCAAAACCTGATTGAGATTTTATA
CTTTAATGAAATATTTTATAATTTGCAAAATTTTAAAGTAAATTTATGAAAAACCTAGATCAGTGGATCTC
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TTTGATTTATTTAGGTGGAGTTCAGGATCAGAATGGTTTTCAGAAGCTCCAGGTGATCCGGAGTGAG
TTGGAGCTGCAAGCCCTGAGCTAGATTATAAGATGCTTCTGGGAAAGAACCACATTTTAGGAATTTGC
TTCCACCCAGTCCCTGCATTTAATCAGCACCTGATGACTTGGCAGGACTTGCCCAACAGGGTCTGG
CTTTGAAGGGTAGTGGACACCAGGATCCTTTGGATTAATCCTCTGCCACCTCTCTTTTTCTCAACCG
AGAGTGAATTTATGTAATTGAGTGAAAGTCTACGAATCATAATTGTAATAAATTAAGGCTGGCATTTG
TTTGAAATTAGATAGGATAAAGCCAAAGGTTTGAACAAGTTGTGGATGGTTTGTAAAAATTAATCTTAC
AAAATAAATGCTGTGTGTGAACCGTTGATTAATTTCAAAGGGTATTATTTGGTTTTTCTGTAAATTTG
AACCTTGAATAAAAGCACAAACAAGTTTTCTTAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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**Restriction Sites:**

Sgfl-Mlul

**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:**

[NM\\_016138.5](#)

**Summary:** The protein encoded by this gene is similar to a mitochondrial di-iron containing hydroxylase in *Saccharomyces cerevisiae* that is involved with ubiquinone biosynthesis. Mutations in the yeast gene lead to slower development and longer life span. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]

**Locus ID:** 10229

**MW:** 75.1