

Product datasheet for **SC213269**

COQ10B (NM_025147) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COQ10B (NM_025147) Human 3' UTR Clone
Symbol:	COQ10B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_025147
Insert Size:	1416 bp



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Insert Sequence: >SC213269 3'UTR clone of NM_025147
The sequence shown below is from the reference sequence of NM_025147. 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
TTAATGCTTCATGAAGTCCATCACACATAAAGGCCAAAAAGAAGCTGGTGCCACCTGCTTCTGACTTTAG
TTTGTTCACTTTTAGGAAGTATTTTCATGACATGTTTTCAAGCCAGAAAGCATTGTTAAACGCAGC
TTTGTTATAAACCTGCACCATTGAAAATTTGCACATAGAATATAGACTCACTTGTACATAGAATTATT
TCTTCAAGTATAATTCAAATAATATGGACATTATCATGTTCTGCATTACAATAATGGGATGTCATCAC
CATTGCTAGAATACTGGCATGATTCTTCTGAGCAGAAGTTGAAACTGTAATTTAAACCTTTTAATTAT
CACCTTACCTGAAAGAGGTTAGTTAAGATATTCACACAGTATGTATTATTAACCATATCACACTTAA
GTTATTAATTCAGACTATTTGTAACCTATTGTTATAGGGCTGCCGTATGGCTTAGGATATTTGAGTA
ATCATATATTTAAAGTAAAACTTTGGGCTGGGCACAGTGGCTCACACCTGTAATCCCAGCACTTGGGG
AAGCTGAGGTGGGCAGATCAGTTGAGGTGAGGAGTTCTAGACCAGCTGGTCAACATGGCGAAACCCCA
TCTCTACTAAAAATACAAAAATTAGCTGGGCGTGGTGGCACACACCTGTATCCCAGTACTTGGGAGG
CTGAGGCACAAGAATCGCTTGAACCCGGGAGGGCGAGGTTGCAGTTAGCCAAGATCGCCCTGCTGCACT
CCAGCCTGGGCAACAGAGGGAGACTCTGTCTCCAAAAACAAAACTGTTAGTGAAGGTTCCCT
GGGACTTTTGATATTTAAAAATGTTCTTATGACTAGTAGATAAATTCATTGCCATAATGAGGCTAGC
TCCCAGATAAACAGTGTATTTCTTCTTTTTTTTTTTTTTTGGTGAGTGGTCCAGAGCTTTAAGCTA
CTTTCCAGTAGTTTGCCACTTTCTCCGAGGTAGTTGGCTGCTTTTCAGTAATGCTAATTGTGTGTC
AAATTTGTCTACAACAGTAGGCAACAGATGAAGATAAGTTGGTTGAATGTCTCCAGCACTATGCATCC
CTATTTCTATTTATTGTGTACACTCACTTTCAGTAATGTGTTTCAAAGTGGTATTTTTAAAAAACAA
ATCAATGTAAGGACTGAAGTTGAAGTAGCAATGTAATAAAGTTAATTTGTTATTTTTGTACAGTTAG
TTTGTTATTGAAATCTTCTATATTGTTAAATGTGATTTGCATAGACATAGTAAAGTTACAGCA
TTTCATGTCTTAAAAATCTATGAAGATATCTAAATATCTATTTCTATGAAGAAACAGACTTTAACA
AATATAAGCAAAATTCAGTTTTCTTTAAACAGTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
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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: [NM_025147.5](#)

Summary: Required for the function of coenzyme Q in the respiratory chain. May serve as a chaperone or may be involved in the transport of Q6 from its site of synthesis to the catalytic sites of the respiratory complexes (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 80219

MW: 54.5