

Product datasheet for **SC320697**

UQCRH (NM_006004) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UQCRH (NM_006004) Human Untagged Clone
Tag:	Tag Free
Symbol:	UQCRH
Synonyms:	QCR6; UQCR8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_006004.2 CTGAACTGGGTTAGGTGCCGCTGTTGCTGCTCGTGTGAATCTAGAACCCTAGCCAGACA TGGGACTGGAGGACGAGCAAAAGATGCTTACCGAATCCGGAGATCCTGAGGAGGAGGAAG AGGAAGAGGAGGAATTAGTGGATCCCCTAACACAGTGAGAGAGCAATGCGAGCAGTTGG AGAAATGTGTAAGGCCCGGGAGCGGCTAGAGCTCTGTGATGAGCGTGTATCCTCTCGAT CACATACAGAAGAGGATTGCACGGAGGAGCTCTTTGACTTCTTGCATGCGAGGGACCATT GCGTGGCCACAACTCTTTAACAACTTGAAATAAATGTGTGGACTTAATTCACCCCAGT CTTCATCATCTGGGCATCAGAATATTTCCCTTATGGTTTTGGATGTACCATTTGTTTCTTA TTTGTGTAAGTTACATGAACCTCATGGGTTTGGCTTAGGCTGGTAGCTTCTAT GTAATTCGCAATGATTCCATCTAAATAAAAGTTCTATGATCTGCAAAAAAAAAAAAAAAAAA AAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_006004
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_006004.2](#), [NP_005995.2](#)

RefSeq Size: 546 bp

RefSeq ORF: 276 bp

Locus ID: 7388

UniProt ID: [P07919](#)

Cytogenetics: 1p33

Domains: UCR_hinge

Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Gene Summary: This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).