

Product datasheet for **SC333419**

UQCRH (NM_001297565) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: UQCRH (NM_001297565) Human Untagged Clone
 Tag: Tag Free
 Symbol: UQCRH
 Synonyms: QCR6; UQCR8
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >SC333419 representing NM_001297565.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

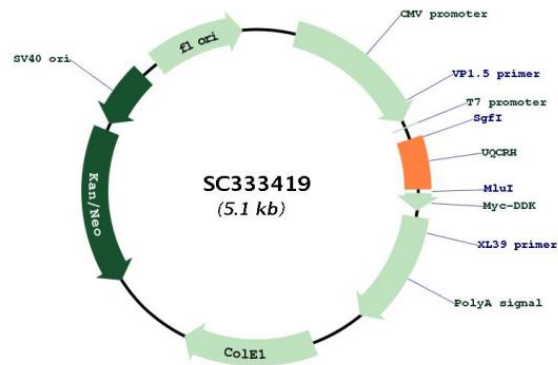
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAGACCGCATTCTGCCATTCTGGCGGCAGTGTGGCTCTGCCAGCTGGCCTTCTGCACGGATCCC
CTAACACAGTGAGAGAGCAATGCGAGCAGTTGGAGAAATGTGTAAGGCCCGGGAGCGGCTAGAGCTC
TGTGATGAGCGTGTATCCTCTCGATCACATACAGAAGAGGATTGCACGGAGGAGCTTTTGACTTCTTG
CATGCGAGGGACCATTGCGTGGCCACAACTCTTAAACAACCTGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001297565

Insert Size: 258 bp

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).

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).

Reconstitution Method:	<ol style="list-style-type: none">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_001297565.1
RefSeq Size:	771 bp
RefSeq ORF:	258 bp
Locus ID:	7388
Cytogenetics:	1p33
Protein Families:	Druggable Genome
Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
MW:	10 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) contains an alternate internal exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>