

Product datasheet for RN213040

Uqcrh (NM_001009480) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uqcrh (NM_001009480) Rat Untagged Clone
Tag: Tag Free
Symbol: Uqcrh
Synonyms: MGC109658
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213040 representing NM_001009480
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGACTAGAGGATGAACGAAAGATGCTCACTGGCTCCGGAGACCCCAAAGAGGAAGAAGAGGAAGAAT
TAGTGGACCCCTGACAACAGTGAGAGAGCACTGTGAGCAGTTGGAGAAGTGTGTAAAAGCCCGGAACG
ACTAGAGTCGTGTGATAGGCGGTGTCTCCCGATCACAGACAGAAGAGGATTGTACAGAGGAGCTCTTT
GACTTCTGCATGCACGGGATCACTGTGTGGCCACAACTCTTCAAAGCTTGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009480
Insert Size: 270 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).



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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_001009480.1](#), [NP_001009480.1](#)

RefSeq Size: 576 bp

RefSeq ORF: 270 bp

Locus ID: 366448

UniProt ID: [Q5M9I5](#)

Cytogenetics: 5q35

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 (By similarity).
[UniProtKB/Swiss-Prot Function]