

Product datasheet for **MG200223**

Uqcrh (NM_025641) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uqcrh (NM_025641) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Uqcrh
Synonyms: 2210416J04Rik; 2310021J10Rik; 2610041P16Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200223 representing NM_025641
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACTAGAGGACGAACGAAAGATGCTCACTGGATCTGGAGACCCCAAGAGGAAGAAGAGGAAGAAC
 TAGTGACCCCTAACACAGTGAGAGAGCACTGTGAACAGCTGGAGAAGTGTGTAAGGCCCGGGAACG
 ACTAGAGTTGTGATAATCGCGTGTCTTCTCGGTCACAGACAGAAGAGGATTGTACAGAGGAGCTCTT
 GACTTCTGCATGCACGGGACCACTGTGTGCCCAAGCTCTTAAAACTTGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200223 representing NM_025641
 Red=Cloning site Green=Tags(s)
 MGLEDERKMLTGSGDPKEEEEEELVDPLTTVREHCEQLEKCVKARERLELCDNRVSSRSQTEEDCTEELF
 DFLHARDHCVAHKLFKNLK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_025641.3 , NP_079917.1
RefSeq Size:	562 bp
RefSeq ORF:	270 bp
Locus ID:	66576
UniProt ID:	P99028
Cytogenetics:	4 D1
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]