

## Product datasheet for **MC216652**

### **Uqcrc1 (NM\_025407) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Uqcrc1 (NM_025407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uqcrc1
Synonyms:	1110032G10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216652 representing NM\_025407  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGCGCTCCGAGTCTGCCAGCGCCTGCTCCGGGACGCAAGTGCTACTTCGACCCGCCGCTCGC  
CGGCCCTGCTGAGGTTACCTGCCTTGGGGGTACCGCAACCTTCGCCAGGCCCTCCAGAGCGTGCCGGA  
GACCCAGGTCAGCATCTTGGACAACGGGCTGCGTGTGGCCTCGGAGCAGTCTCGCATGCTACCTGCACG  
GTGGGAGTGTGGATTGACGCTGGCAGTGCCTATGAGACTGAGAAGAACAATGGAGCAGGCTACTTTTGG  
AACATCTGGCTTCAAGGGAACAAGAATCGGCCCTGGCAATGCCTTAGAGAAGGAGGTAGAGAGTATTGG  
GGCTCATCTTAATGCCTACAGCACTCGAGAGCACACTGCTTACCTCATCAAGGCACTGTCCAAGGACCTG  
CCAAAAGTTGTGGAGCTCCTGGCAGATATCGTGCAGAACAGTAGTCTGGAAGACTCACAGATCGAGAAGG  
AACGAGATGTGATCCTGCGGGAGATGCAGGAAAATGACGCCTCCATGCAGAACGTGGTCTTTGATTACCT  
GCATGCGACAGCATTCCAGGGCACACCTTAGCCAGGCTGTGGAGGGGCCAGTGAGAAGTCCAGGAGG  
CTGTCCGCGACAGACTTGACTGACTACCTCAACAGACATTACAAAAGCCCCCGGATGGTGCCTGGCTGCAG  
CTGGAGGTGTGGAACACCAGCAGCTGCTGGACCTTGCCAGAAACACTTGAGCAGTGTCTCCCGAGTGTA  
TGAAGAAGATGCCGTGCCTGGTCTCACTCCATGTGCGTTCCTGCGAGTGGATCCGCCATCGCGATGAC  
GCCCTGCCTTTGGCCACGTGGCCATTGCAGTAGAGGGACCTGGCTGGGCTAACCCAGACAACGTGACCC  
TCCAAGTGGCCATGCCATCATAGGCCACTATGACTGCACTTACGGTGGTGGAGTGCACCTGTCAAGCCC  
GCTGGCTCCGTTGCTGTGGCTAACAGCTTGGCAGAGTTCCAGACCTTCAACATCTCCTACTCTGAT  
ACTGGGCTGCTGGGCGCACACTTTGTCTGTGATGCCATGAGTATCGATGACATGGTCTTCTCCTGCAAG  
GCCAGTGGATGCGCCTATGTACCAGTGTACAGAGAGTGGGTGACTCGGGGCAAAAACATCCTTAGGAA  
TGCTTTGGTGTCTCATTGGATGGCACCACCCTGTGTGTGAAGACATTGGTCCGAGTCTCCTGACTTAT  
GGCCGCCGATCCCTCTGGCTGAGTGGGAGAGCCGGATTAGGAGGTGGATGCCAGATGCTGCGTGACA  
TTTGCTCCAAGTACTTTTATGACCAATGTCCAGCAGTGGCTGGCTATGGCCCCATCGAGCAGCTCCAGA  
CTACAACCGGATCCGAGTGGCATGTTCTGGCTGCGCTT**CTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_025407

**Insert Size:** 1443 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:**

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\\_025407.2](#), [NP\\_079683.2](#)

RefSeq Size: 1665 bp

RefSeq ORF: 1443 bp

Locus ID: 22273

UniProt ID: [Q9CZ13](#)

Cytogenetics: 9 59.63 cM

**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]