

Product datasheet for **MC205604**

Uqcrc2 (NM_025899) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uqcrc2 (NM_025899) Mouse Untagged Clone
Tag: Tag Free
Symbol: Uqcrc2
Synonyms: 1500004O06Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003423
 CGGACGCGTGGGCGACCCCATCTTGCTTTGCTGTCTGCAGCGGTGACCGTGGGAAAGGGCAACTGCTAGA
 GCCATGAAGCTCCTCAGCAGGGCCGGTCTTCTCGAGATTTTATCCCTCAAAGTTGCCCGAAGGTTA
 AAACCTCAGCAGCCCCTGGAGGAGTGCCTCTGCAGCCTCAGGATCTTGAGTTTACCAAATTACCAATGG
 TTTGGTGATTGCTTCTCTGAAAACTATGCTCCTCTGTCAAGAATCGGCTTGTTGCTTAAAGCAGGCAGT
 AGATATGAGGACTCCAACAACCTGGGAACCTCACATTTACTACGTCTTGATCTAGTTTGACTACCAAAG
 GAGCTTCACTTTCAAGATAACCCGTGGGATTGAAGCAGTTGGTGGTAAATTAAGTGTGACTGCAACAAG
 GGAAAACATGGCGTACACTGTAGAAGGCATTGGGAGTGATTTGAGATCCTCATGGAGTTCTGCTCAAT
 GTCACCACAGCACCCGAGTTTCGCCGTTGGGAAGTAGCTGCCCTGCGGTCTCAGCTAAAGATTGACAAAG
 CTGTTGCCTTTCAGAATTCACAGACCCGTATCATTGAGAACTTGCATGATGTTGCCTACAAGAATGCCTT
 GGCTAATCCTTTGACTGCTCCTGACTATAGGATGGGGAAGATAACATCAGAGGAATTACATTACTTTGTT
 CAGAACCCTTCAAGTGCAAGAATGGCTCTGGTTGGACTTGGTGTGAGTCATTCTGTCTTAAAGCAGG
 TGCTGAACAATTTCTCAACATGAGGGGTGGCCTTGGTTAGCTGGTGCAAAAGCCAAATACCGTGGAGG
 TGAAATTAGAGAGCAGAAATGGAGACAACCTGGTCCATGCTGCTATTGTTGCAGAAAGTGCTGCCATTGGA
 AATGCAGAGGCAAATGCATTCAGTGTACTTCAGCATCTTCTTGGTGTGGACCACATACAAAAGGGGCA
 ACAACACCACCAGCCTCCTGAGCCAGAGTGTGGCAAAGGAAGTCACCAGCCTTTTGATGTTTCTGCATT
 TAATGCCAGTTACTCAGACTCTGGGCTCTTTGGAATTTACTACTTTCCAGGCTGCAGCTGCTGGAGAG
 GTTATCAATGCTGCCTACAACCAAGTCAAAGCAGTTGCTCAAGGAAACCTTTCCAGTGCAGATGTCCAAG
 CTGCCAAGAACAAGCTAAAAGCTGGATATCTAATGTCTGTGGAGACGTCAGAGGGCTTCTGAGTGAAT
 TGGGTCACAGGCTCTAGCTGCAGGTTCTTATATGCCACCTTCTACCGTCTTCAACAGATTGACTCCGTG
 GCTGATGCTGATGTTGTAAGGCTGCAAAAAAGTTTGTCTGGCAAGAAGTCAATGGCAGCGAGTGGA
 ACTTGGGACATACGCCTTTCTCGACGAGTTATAACACATGCGTGTATTTAAAGCTCAGCCAGACCAGC
 AAGCACATCAAAGTCAGGCTCTTAATAATTAATTAATGTTAATTC AACATTTTCTCAATGAAGTAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025899



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Insert Size:	1362 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:	BC003423 , AAH03423
RefSeq Size:	1550 bp
RefSeq ORF:	1362 bp
Locus ID:	67003
UniProt ID:	Q9DB77
Cytogenetics:	7 F2
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. The core protein 2 is required for the assembly of the complex (By similarity).[UniProtKB/Swiss-Prot Function]