

Product datasheet for MC212138

Uqcc3 (NM_001160356) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uqcc3 (NM_001160356) Mouse Untagged Clone
Tag: Tag Free
Symbol: Uqcc3
Synonyms: A1462493; Cbp4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212138 representing NM_001160356
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGTGGCTCGTAAAGCACTTGTGGCAGTTGCAGTGCTAGGCGGGGAGCTGGCGTGGGTTCTATTC
TGTTTGCTCTTGACCCAGGAGAACTACAGAAGCAGTCGATGCTGCAGGAGATGCCGAAAGGGACTC
GCGGCGCAGGGACGAAGCAGTCAGGACCACGGAAGTGGTATGGCTACCCTGAAGGACGCCGAGCCACG
AAGGAGAACGTGGCCTGGAGGAGAACTGGACAGTTAGCGGGGATGGCAGGTCAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001160356
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).



[View online »](#)

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_001160356.1](#), [NP_001153828.1](#)

RefSeq Size: 847 bp

RefSeq ORF: 270 bp

Locus ID: 107197

UniProt ID: [Q8K2T4](#)

Cytogenetics: 19 A

Gene Summary: Required for the assembly of the ubiquinol-cytochrome c reductase complex (mitochondrial respiratory chain complex III or cytochrome b-c1 complex), mediating cytochrome b recruitment and probably stabilization within the complex. Thereby, plays an important role in ATP production by mitochondria. Cardiolipin-binding protein, it may also control the cardiolipin composition of mitochondria membranes and their morphology.
[UniProtKB/Swiss-Prot Function]