

Product datasheet for **RC233240**

UQCRB (NM_001199975) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: UQCRB (NM_001199975) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: UQCRB
Synonyms: MC3DN3; QCR7; QP-C; QPC; UQBC; UQBP; UQCR6; UQPC
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233240 representing NM_001199975
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGAGATGATACAATATACGAGGATGAAGATGTAAAAGAAGCCATAAGAAGACTTCCTGAGAACCTTT
ATAATGACAGGATGTTTCGCATTAAGAGGGCACTGGACCTGAACCTGAAGCATCAGATCTGCCTAAAGA
GCAGTGGACCAAATATGAAGAGGAAAATTTCTACCTTGAACCGTATCTGAAAGAGGTTATTCGGAAAGA
AAAGAAAGAGAAGAATGGCAAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233240 representing NM_001199975
Red=Cloning site Green=Tags(s)
MRDDTIYEDEDVKEAIRRLPENLYNDRMFRIKRALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIRER
KEREEWAKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

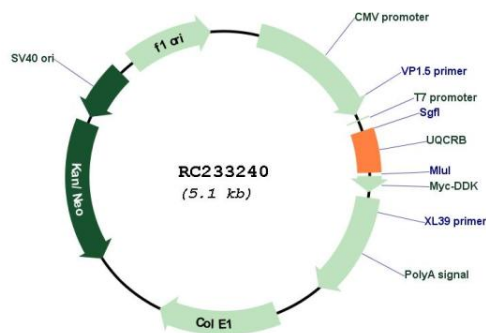
Restriction Sites: SgfI-MluI



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Locus ID: 7381
UniProt ID: [P14927](#)
Cytogenetics: 8q22.1
Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
MW: 10.5 kDa
Gene Summary: This gene encodes a subunit of the ubiquinol-cytochrome c oxidoreductase complex, which consists of one mitochondrial-encoded and 10 nuclear-encoded subunits. The protein encoded by this gene binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. This protein plays an important role in hypoxia-induced angiogenesis through mitochondrial reactive oxygen species-mediated signaling. Mutations in this gene are associated with mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. Related pseudogenes have been identified on chromosomes 1, 5 and X. [provided by RefSeq, Dec 2011]

Product images:



Circular map for RC233240