

Product datasheet for RG235525

UQCRH (NM 001297565) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: UQCRH (NM_001297565) Human Tagged ORF Clone

Tag: TurboGFP
Symbol: UQCRH

Synonyms: QCR6; UQCR8

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG235525 representing NM_001297565.

Sequence: Blue=ORF Red=Cloning site Green=Tag(s)

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGGAGACCGCATTCTGCCATTTCTGGCGGCAGTGTGGCTCTGCCAGCTGGCCTTCTGCACGGATCCCCTAACAACAGTGAGAGAGCAATGCGAGCAGTTGGAGAAATGTGTAAAGGCCCGGGAGCGGCTAGAGCTCTGTGATGAGGCGTGTATCCTCTCGATCACATACAGAAGAGGATTGCACGGAGGAGCTCTTTGACTTCTTG

CATGCGAGGGACCATTGCGTGGCCCACAAACTCTTTAACAACTTGAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

Protein Sequence: >Peptide sequence encoded by RG235525

Blue=ORF Red=Cloning site Green=Tag(s)

MGDRILPFLAAVWLCQLAFCTDPLTTVREQCEQLEKCVKARERLELCDERVSSRSHTEEDCTEELFDFL

HARDHCVAHKLFNNLK

TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYYSSVVDSHMHFKSAIHPSILQNGGPMFA

FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: Sgfl-Mlul



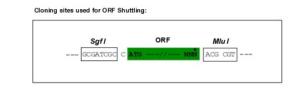
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

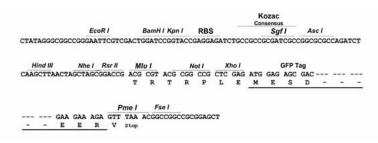
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

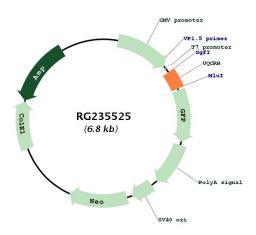


Cloning Scheme:





Plasmid Map:



ACCN: NM_001297565

ORF Size: 255 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info



UQCRH (NM_001297565) Human Tagged ORF Clone - RG235525

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).

RefSeq: <u>NM 001297565.2</u>

RefSeq Size: 771 bp
RefSeq ORF: 258 bp
Locus ID: 7388
Cytogenetics: 1p33

Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways,

Oxidative phosphorylation, Parkinson's disease

MW: 10.4 kDa

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.[UniProtKB/Swiss-Prot

Function]