

Product datasheet for MG200049

Uqcr10 (NM_197979) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Uqcr10 (NM_197979) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Uqcr10

Synonyms: 1110020P15Rik; AA960494; Ucrc

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >MG200049 representing NM_197979

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CAACGAGGGGAAACTGTGGAAACATATAAAGCACAAGTATGAGAACAAGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200049 representing NM_197979

Red=Cloning site Green=Tags(s)

MSSPTIPSRLYSLLFRRTSTFALTIAVGALFFERAFDQGADAIYEHINEGKLWKHIKHKYENKE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



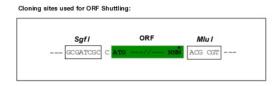
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

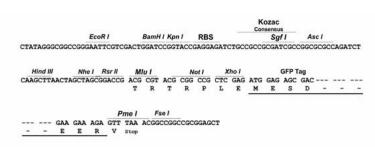
CN: techsupport@origene.cn

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

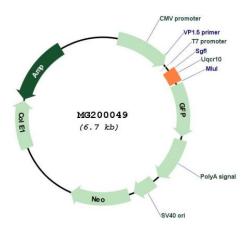


Cloning Scheme:





Plasmid Map:



ACCN: NM_197979

ORF Size: 192 bp

Uqcr10 (NM_197979) Mouse Tagged ORF Clone - MG200049

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

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).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

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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: <u>NM 197979.1</u>

 RefSeq Size:
 444 bp

 RefSeq ORF:
 195 bp

 Locus ID:
 66152

 UniProt ID:
 Q8R111

Cytogenetics:

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 subunit

interacts with cytochrome c1 (By similarity).[UniProtKB/Swiss-Prot Function]