

Product datasheet for RN210838

Uqcrfs1 (NM_001008888) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uqcrfs1 (NM_001008888) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uqcrfs1
Synonyms:	LRRGT00195
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210838 representing NM_001008888 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGTCGGTGCCTGCCGCTCGGGCCGTTTCGCGCCCGTCTATCGGCCACGTCCCGCGGGTGGCGG
GAGCGTGCGGCCCTGCTGCAAAGCGCGGTGCCCGCCACCTCGGAACCACCGTTCTGGACGTGAAGCG
ACCCTTCTGTCCGTGAGTCGCTGAGTGGCCAGGCCGACCCGTCCTTTGGTGGCCACAGTGGGCCTG
AATGTTCTGCTTCTGTTTCGTTATCCACACAGACATCAAGGTGCCGACTTCTCTGACTATCGCCGTG
CTGAAGTTCTAGATAGCACAAAATCTTCTAAAGAGAGCAGTGAAGCTAGAAAAGGCTTCTCTACTTGGT
AACTGCAACTACTACTGTGGGTGTTGCATACGCTGCGAAAAATGCAGTCTCCAGTTTGTTCAGCATG
AGTGCTTCTGCGGATGACTGGCCATGTCGAAGATCGAGATCAAGTTGTCTGATATTCCAGAGGGGAAGA
ACATGGCTTTTAAATGGAGAGGCAAACCTCTGTTTGTGCGCCATAGAACCAAGAAGGAGATTGACCAGGA
AGCTGCAGTTGAAGTGTCCAGTTAAGGGACCCACAGCATGATTTAGAGCGTGTAAAGAAGCCTGAATGG
GTTATTCTGATCGGTGTCTGACTCATCTTGGTTGTGTACCCATTGCAAACGCAGGAGATTTTGGTGGCT
ACTATTGCCCTGCCATGGGTCACACTATGATGCTTCTGGCAGGATCAGGAAGGGCCCTGCACCTCTCAA
CCTGGAAGTACCTACCTATGAGTTCACCAGTGGTATGTAGTTGTTGTGGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001008888
Insert Size:	825 bp



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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:	<u>NM_001008888.1</u> , <u>NP_001008888.1</u>
RefSeq Size:	1110 bp
RefSeq ORF:	825 bp
Locus ID:	291103
UniProt ID:	<u>P20788</u>
Cytogenetics:	17p12
Gene Summary:	component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome bc1 complex); important for generating an electrochemical potential coupled to ATP synthesis [RGD, Feb 2006]