

Product datasheet for SC115882

UQCR11 (NM_006830) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UQCR11 (NM_006830) Human Untagged Clone
Tag:	Tag Free
Symbol:	UQCR11
Synonyms:	0710008D09Rik; QCR10; UQCR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_006830 edited ATGGTGACCCGGTTCCTGGGCCACGCTACCGGAGCTGGTCAAGAAGTGGTCCCAGC GCCTACACATGGGGCGCTGTGGGCGCCGTGGGGCTGGTGTGGCCACCGATTGGCGGCTG ATCCTGGACTGGGTACCTTACATCAATGGCAAGTTAAGAAGGATAATTAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006830 unedited AATGCAGCATTTGTATACGATTCATATAGGCGCCTGCGAATCGGCACGAGGGTCAGCTG GACAGGGTCATCCTGAGGGTGCAGCTCCGCCGCGATGGTGACCCGGTTCCTGGGCCACG CTACCGGAGCTGGTCAAGAAGTGGTCCCAGGCTACACATGGGGCGCTGTGGGCGCC GTGGGGCTGGTGTGGGCCACCGATTGGCGGCTGATCCTGGACTGGGTACCTTACATCAAT GGCAAGTTAAGAAGGATAATTAAATTACACAAACCCTTACAGACTGCTCTGGTGCCTGG TGGTGCTAGCTCCTCCACCTCAGCACCTGCTGCATCTGGAGCAGCCAAAGCCTCAGGAT GGACAAGAGGAAACCCACAGCTCAGCTTCAAGGCTTCTTATGTTTCTGAAAACAGCTTGA TATTTTAAATGCAGTTGCATTAACCTCACTGAAACCTGCTCCGTGCCGGATGTTGATC ATGCTGGTGGCTTGGTTACTGTGACTGTAGCTGGAGTGGCACAGGTGACCCAGGCGTCT TTCAGCTCCAGAATGTTGCAAGTCTAGGAGAGTGTCCAATGGCTGACAGAACTGCCTA TTTGAAATGGCTCATAAGTAGTATCTGCAGTGTGTTTCATCCGTTGCTGCCTTAACAAGTC ACCCACACGTAGTGGCTTAAAGCAACGAACATTCCTCTCACAGTCTGTGTCAGTCCG GGATTTGGGAGTGATGTATCTGGGTGGTGTGGCCAGAGTCTCTCATGAGGTTGCAGTT AAGACATCAGCCAAGGCCACTTCGCTGACGAAGGCTCAACTGGGGCTGGAGCCACTTNC AGCCAGTGCCTCACGTGGCTGTCGGTGACGCCCCAGTTCCTTTCCATGGNGGGCCATA CC



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006830 unedited NTTCAGCTTGNACCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTATCAG AGACAGGGGCTCTTTGTTGCCAGGTTAGTACTGAACTCCTGGTTCAAGTGATGCCCT TCCTCAGCCTCCCAAAGTGTGGGATTGTAGGCTGAGCCACCACTCCCAGCCTGTTTATT TTTGTATCCCTAATGTGACAGTTGAAATGTCTACCAATTCTGATATTCTTCCCTTCAA ACACAGAACCTCATTCTCCTCCCTCTGCACGTGGGCTGGGCTGGGGGGCTTGCCTTTGA TAAACAGGCTGTGGCGGAAGTGATCACGTGAGACTTCTCAGGGTGGCTCATAGAAGCACT GTGGCTTGCTCCTTCTCCTCCCTTGTTTACCTGCTCTGGGAAGGCAGAGGCCATGCCG TGAGGATGCTCAAGCAGCTTCGTGTAGGGGCCCATGGGAAGGAACTGTGGCTGTCACC GACAGCCACGTGAGGGCACTGGCTTGGAAAGTGGCTCCAGCCCCAGTTGAGCCTTCCCTCAG ACGAAGTGGCCTTGGCTGATGTCTTAACTGCAACCTCATGAGAGACTCTGGGCCACAACC ACCCAGATACACTCCCAAATCCCCGACTGACACAGACTGTGAGAGAGTGAATGTTCCG TTGCTTTAAGCCACTACGTGTGGTGACTTGTTAAGGCAGCAACGGATGAACACTGCA GATACTACTTATGAGCCATTTCAAATAGGCCAGTTCTGTCAGCCATTGGAACACTCTCT AGACTTGAACATTTCTGGAGCTGAAAGGACGCCTGGGTACCTTGTGCATTCCGCTAC AGTCACAGTAACAAAGCCACCACCTTGATCAACATCCGGCCCCGACCAAGTTTCAGTGG AGTTTAAATGCACGTGCATTAAAAATATTCAGCTGGTTTCAAACCT
Restriction Sites:	NotI-NotI
ACCN:	NM_006830
Insert Size:	1330 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).
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:	NM_006830.2 , NP_006821.1
RefSeq Size:	1305 bp
RefSeq ORF:	171 bp
Locus ID:	10975
UniProt ID:	O14957
Cytogenetics:	19p13.3
Protein Families:	Transmembrane

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

Gene Summary: This gene encodes the smallest known component of the ubiquinol-cytochrome c reductase complex, which forms part of the mitochondrial respiratory chain. The encoded protein may function as a binding factor for the iron-sulfur protein in this complex. [provided by RefSeq, Oct 2009]