

## OriGene Technologies, Inc.

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## Product datasheet for RC203299L3V

## Ubiquinol Cytochrome C Reductase Core Protein I (UQCRC1) (NM\_003365) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:Ubiquinol Cytochrome C Reductase Core Protein I (UQCRC1) (NM_003365) Human Tagged ORF Clone Lentiviral ParticleSymbol:Ubiquinol Cytochrome C Reductase Core Protein ISymonyms:D3S3191; QCR1; UQCR1Mammalian Cell Selection:PuromycinVector:plenti-C-Myc-DDK-P2A-Puro (PS100092)Tag:Myc-DDKACCN:NM_003365ORF Size:1440 bpORF Size:1440 bpORF Nucleotide Sequence:The nolecular sequence of this clone is exactly the same as(RC203299).Or ID 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 infoOTI Annotation:NM 003365.2RefSeqNM 003365.2RefSeq ORF:1433 bpLocus ID:7384UniProt ID:921930Cytogenetics:3p21.31Domains:Peptidase_M16_C	Product Type:	Lentiviral Particles
Synonyms:D353191; QCR1; UQCR1Mammalian Cell Selection:PuromycinVector:pLenti-C-Myc-DDK-P2A-Puro (PS100092)Tag:Myc-DDKACCN:NM_003365ORF Size:1440 bpORF Nucleotide Sequence:The molecular sequence of this clone is exactly the same as(RC203299).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 infoOTI Annotation:NM_003365.2RefSeq Size:1636 bpRefSeq ORF:1636 bpRefSeq ORF:1443 bpLocus ID:7384UniProt ID:931930Cytogenetics:3p21.31	Product Name:	
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Selection:Vector:pLenti-C-Myc-DDK-P2A-Puro (PS100092)Tag:Myc-DDKACCN:NM_003365ORF Size:1440 bpORF NucleotideThe ORF insert of this clone is exactly the same as(RC203299).Sequence: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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq Size:1636 bpRefSeq ORF:1443 bpLocus ID:7384UniProt ID:921.31	Synonyms:	D3S3191; QCR1; UQCR1
Tag:Myc-DDKACCN:NM_003365ORF Size:1440 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC203299).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 infoOTI Annotation:Nis clone was engineered to express the complete ORF with an expression tag. Expression variates depending on the nature of the gene.RefSeq:NM 003365.2RefSeq Size:1636 bpAccus ID:7384UniProt ID:P31930Otti Appentics:921.31		Puromycin
ACCN:NM_003365ORF Size:1440 bpORF NucleotideThe ORF insert of this clone is exactly the same as(RC203299).Sequence: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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq:NM 003365.2RefSeq ORF:1636 bpLocus ID:7384UniProt ID:931930Otygenetics:3p21.31	Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
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RefSeq ORF: 1443 bp   Locus ID: 7384   UniProt ID: P31930   Cytogenetics: 3p21.31	RefSeq:	<u>NM 003365.2</u>
Locus ID:   7384     UniProt ID:   P31930     Cytogenetics:   3p21.31	RefSeq Size:	1636 bp
UniProt ID:   P31930     Cytogenetics:   3p21.31	RefSeq ORF:	1443 bp
Cytogenetics: 3p21.31	Locus ID:	7384
	UniProt ID:	<u>P31930</u>
Domains: Peptidase_M16, Peptidase_M16_C	Cytogenetics:	3p21.31
	Domains:	Peptidase_M16, Peptidase_M16_C



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Protein Families:	Druggable Genome, Protease
Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
MW:	52.6 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]

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