OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC203299L3V

Ubiquinol Cytochrome C Reductase Core Protein I (UQCRC1) (NM_003365) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ubiquinol Cytochrome C Reductase Core Protein I (UQCRC1) (NM_003365) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ubiquinol Cytochrome C Reductase Core Protein I
Synonyms:	D3S3191; QCR1; UQCR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003365
ORF Size:	1440 bp
ORF 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 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.
RefSeq:	NM_003365.2
RefSeq Size:	1636 bp
RefSeq ORF:	1443 bp
Locus ID:	7384
UniProt ID:	P31930
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]