

Product datasheet for **RC204051L3V**

UQCRFS1 (NM_006003) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UQCRFS1 (NM_006003) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UQCRFS1
Synonyms:	MC3DN10; RIP1; RIS1; RISP; UQCR5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006003
ORF Size:	822 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204051).
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_006003.1 , NP_005994.1
RefSeq Size:	1224 bp
RefSeq ORF:	825 bp
Locus ID:	7386
UniProt ID:	P47985
Cytogenetics:	19q12
Domains:	UCR_TM, Rieske



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Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
MW:	29.7 kDa
Gene Summary:	Cytochrome b-c1 complex subunit Rieske, mitochondrial: Component of the mitochondrial ubiquinol-cytochrome c reductase complex dimer (complex III dimer), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis (PubMed:28673544). Incorporation of UQCRFS1 is the penultimate step in complex III assembly (PubMed:28673544).[UniProtKB/Swiss-Prot Function]