

Product datasheet for **RC220317L4V**

COQ7 (NM_016138) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	COQ7 (NM_016138) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COQ7
Synonyms:	CAT5; CLK-1; CLK1; COQ10D8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016138
ORF Size:	651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220317).
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_016138.3
RefSeq Size:	2591 bp
RefSeq ORF:	654 bp
Locus ID:	10229
UniProt ID:	Q99807
Cytogenetics:	16p12.3
Domains:	COQ7
Protein Pathways:	Metabolic pathways, Ubiquinone and other terpenoid-quinone biosynthesis



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MW: 24.1 kDa

Gene Summary: The protein encoded by this gene is similar to a mitochondrial di-iron containing hydroxylase in *Saccharomyces cerevisiae* that is involved with ubiquinone biosynthesis. Mutations in the yeast gene lead to slower development and longer life span. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]