

Product datasheet for **RC224917L4V**

CDKAL1 (NM_017774) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDKAL1 (NM_017774) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDKAL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017774
ORF Size:	1737 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224917).
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_017774.1
RefSeq Size:	3272 bp
RefSeq ORF:	1740 bp
Locus ID:	54901
UniProt ID:	Q5VV42
Cytogenetics:	6p22.3
Domains:	TRAM, UPF0004, Elp3, Radical_SAM
Protein Families:	Transmembrane
MW:	65.1 kDa



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Gene Summary:

The protein encoded by this gene is a member of the methylthiotransferase family. The function of this gene is not known. Genome-wide association studies have linked single nucleotide polymorphisms in an intron of this gene with susceptibility to type 2 diabetes. [provided by RefSeq, May 2010]