

Product datasheet for **MR209066L4V**

Cdkal1 (NM_144536) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdkal1 (NM_144536) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdkal1
Synonyms:	1190005B03Rik; 6620401C13Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144536
ORF Size:	1737 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209066).
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_144536.2
RefSeq Size:	2538 bp
RefSeq ORF:	1737 bp
Locus ID:	68916
UniProt ID:	Q91WE6
Cytogenetics:	13 A3.1-A3.2
Gene Summary:	Catalyzes the methylthiolation of N6-threonylcarbamoyladenosine (t(6)A), leading to the formation of 2-methylthio-N6-threonylcarbamoyladenosine (ms(2)t(6)A) at position 37 in tRNAs that read codons beginning with adenine.[UniProtKB/Swiss-Prot Function]



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