

## Product datasheet for **RC203235L2V**

### ACAD9 (NM\_014049) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ACAD9 (NM_014049) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ACAD9
Synonyms:	MC1DN20; NPD002
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014049
ORF Size:	1863 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203235).
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. <a href="#">More info</a>
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:	<a href="#">NM_014049.3</a> , <a href="#">NP_054768.2</a>
RefSeq Size:	2608 bp
RefSeq ORF:	1866 bp
Locus ID:	28976
UniProt ID:	<a href="#">Q9H845</a>
Cytogenetics:	3q21.3
Domains:	Acyl-CoA_dh, Acyl-CoA_dh_M, Acyl-CoA_dh_N
MW:	68.8 kDa



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**Gene Summary:**

This gene encodes a member of the acyl-CoA dehydrogenase family. Members of this family of proteins localize to the mitochondria and catalyze the rate-limiting step in the beta-oxidation of fatty acyl-CoA. The encoded protein is specifically active toward palmitoyl-CoA and long-chain unsaturated substrates. Mutations in this gene cause acyl-CoA dehydrogenase family member type 9 deficiency. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]