

## Product datasheet for **RC201891L4V**

### Acylglycerol Kinase (AGK) (NM\_018238) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Acylglycerol Kinase (AGK) (NM_018238) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Acylglycerol Kinase
Synonyms:	CATC5; CTRCT38; MTDPS10; MULK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018238
ORF Size:	1266 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201891).
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_018238.2</a> , <a href="#">NP_060708.1</a>
RefSeq Size:	2925 bp
RefSeq ORF:	1269 bp
Locus ID:	55750
UniProt ID:	<a href="#">Q53H12</a>
Cytogenetics:	7q34
Domains:	DAGKc
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways



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**MW:** 47.1 kDa

**Gene Summary:** The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012]