

## Product datasheet for **RC219126L4V**

### AGPAT3 (NM\_020132) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AGPAT3 (NM_020132) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AGPAT3
Synonyms:	1-AGPAT 3; LPAAT-GAMMA1; LPAAT3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020132
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219126).
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_020132.3</a>
RefSeq Size:	3649 bp
RefSeq ORF:	1131 bp
Locus ID:	56894
UniProt ID:	<a href="#">Q9NRZ7</a>
Cytogenetics:	21q22.3
Domains:	Acyltransferase
Protein Families:	Transmembrane



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**Protein Pathways:** Ether lipid metabolism, Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways

**MW:** 43.2 kDa

**Gene Summary:** The protein encoded by this gene is an acyltransferase that converts lysophosphatidic acid into phosphatidic acid, which is the second step in the de novo phospholipid biosynthetic pathway. The encoded protein may be an integral membrane protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]