

## Product datasheet for **RC210280L4V**

### AGPAT5 (NM\_018361) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AGPAT5 (NM_018361) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AGPAT5
Synonyms:	1AGPAT5; LPAATE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018361
ORF Size:	1092 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210280).
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_018361.3</a>
RefSeq Size:	5535 bp
RefSeq ORF:	1095 bp
Locus ID:	55326
UniProt ID:	<a href="#">Q9NUQ2</a>
Cytogenetics:	8p23.1
Domains:	Acyltransferase
Protein Families:	Transmembrane



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**MW:** 42.1 kDa

**Gene Summary:** This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. A pseudogene of this gene is present on the Y chromosome. [provided by RefSeq, Aug 2014]