

## Product datasheet for **RC208614L4V**

### GPAT4 (NM\_178819) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GPAT4 (NM_178819) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPAT4
Synonyms:	1-AGPAT 6; AGPAT6; LPAAT-zeta; LPAATZ; TSARG7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178819
ORF Size:	1368 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208614).
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_178819.2</a>
RefSeq Size:	6328 bp
RefSeq ORF:	1371 bp
Locus ID:	137964
UniProt ID:	<a href="#">Q86UL3</a>
Cytogenetics:	8p11.21
Protein Families:	Transmembrane



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

**MW:** 52.1 kDa

**Gene Summary:** Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis.[supplied by OMIM, Apr 2004]