

Product datasheet for **RR201426L4V**

Lpcat3 (NM_001012189) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lpcat3 (NM_001012189) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Lpcat3
Synonyms:	Grcc3f; Mboat5; Oact5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001012189
ORF Size:	1519 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201426).
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. More info
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:	NM_001012189.1
RefSeq Size:	1935 bp
RefSeq ORF:	1464 bp
Locus ID:	362434
UniProt ID:	Q5FVN0
Cytogenetics:	4q42



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Gene Summary:

Seems to be the major enzyme contributing to lysophosphatidylcholine acyltransferase activity in the liver. Favors unsaturated fatty acyl-CoAs as acyl donors compared to saturated fatty acyl-CoAs. Displays lysophosphatidylserine acyltransferase (LPSAT) activity (By similarity).[UniProtKB/Swiss-Prot Function]