

Product datasheet for **RC209446L4V**

LYPLA3 (PLA2G15) (NM_012320) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LYPLA3 (PLA2G15) (NM_012320) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LYPLA3
Synonyms:	ACS; GXVPLA2; LLPL; LPLA2; LYPLA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012320
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209446).
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_012320.3
RefSeq Size:	2764 bp
RefSeq ORF:	1239 bp
Locus ID:	23659
UniProt ID:	Q8NCC3
Cytogenetics:	16q22.1
Domains:	LACT
Protein Families:	Secreted Protein



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Protein Pathways: Glycerophospholipid metabolism, Lysosome

MW: 46.7 kDa

Gene Summary: Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene hydrolyzes lysophosphatidylcholine to glycerophosphorylcholine and a free fatty acid. This enzyme is present in the plasma and thought to be associated with high-density lipoprotein. A later paper contradicts the function of this gene. It demonstrates that this gene encodes a lysosomal enzyme instead of a lysophospholipase and has both calcium-independent phospholipase A2 and transacylase activities. [provided by RefSeq, Jul 2008]