

Product datasheet for **RC209577L2V**

PNPLA3 (NM_025225) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PNPLA3 (NM_025225) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PNPLA3
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_025225
ORF Size:	1443 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209577).
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_025225.2
RefSeq Size:	2805 bp
RefSeq ORF:	1446 bp
Locus ID:	80339
UniProt ID:	Q9NST1
Cytogenetics:	22q13.31
Domains:	Patatin



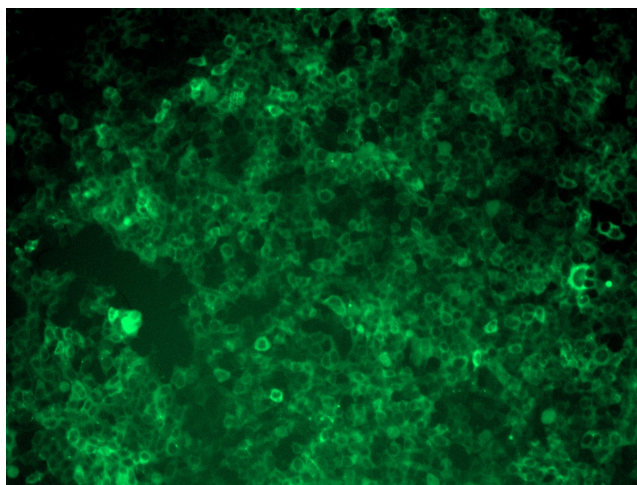
[View online »](#)

Protein Pathways: Glycerolipid metabolism, Glycerophospholipid metabolism, Limonene and pinene degradation, Metabolic pathways, Phenylalanine metabolism, Tyrosine metabolism

MW: 52.8 kDa

Gene Summary: The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008]

Product images:



[RC209577L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209577L2V particle to overexpress human PNPLA3-mGFP fusion protein.