

Product datasheet for **RC226698L2V**

PNPLA4 (NM_001142389) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PNPLA4 (NM_001142389) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PNPLA4
Synonyms:	DXS1283E; GS2; iPLA2eta
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001142389
ORF Size:	759 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226698).
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_001142389.1 , NP_001135861.1
RefSeq Size:	2752 bp
RefSeq ORF:	762 bp
Locus ID:	8228
UniProt ID:	P41247
Cytogenetics:	Xp22.31
Protein Pathways:	Retinol metabolism
MW:	27.9 kDa



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Gene Summary:

This gene encodes a member of the patatin-like family of phospholipases. The encoded enzyme has both triacylglycerol lipase and transacylase activities and may be involved in adipocyte triglyceride homeostasis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome Y. [provided by RefSeq, Feb 2010]