

Product datasheet for **RC208064L4V**

PPAP2A (PLPP1) (NM_003711) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPAP2A (PLPP1) (NM_003711) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPAP2A
Synonyms:	LLP1a; LPP1; PAP-2a; PAP2; PPAP2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003711
ORF Size:	852 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208064).
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_003711.2
RefSeq Size:	1685 bp
RefSeq ORF:	855 bp
Locus ID:	8611
UniProt ID:	O14494
Cytogenetics:	5q11.2
Domains:	acidPPc
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Ether lipid metabolism, Fc gamma R-mediated phagocytosis, Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Sphingolipid metabolism

MW: 32.2 kDa

Gene Summary: The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in synthesis of glycerolipids and in phospholipase D-mediated signal transduction. This enzyme is an integral membrane glycoprotein that plays a role in the hydrolysis and uptake of lipids from extracellular space. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]