

## Product datasheet for **RC206112L4V**

### PLPP6 (NM\_203453) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PLPP6 (NM_203453) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLPP6
Synonyms:	bA6J24.6; PDP1; PPAPDC2; PSDP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_203453
ORF Size:	885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206112).
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. <a href="#">More info</a>
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:	<a href="#">NM_203453.2</a>
RefSeq Size:	2981 bp
RefSeq ORF:	888 bp
Locus ID:	403313
UniProt ID:	<a href="#">Q8IY26</a>
Cytogenetics:	9p24.1
Protein Families:	Transmembrane
MW:	32.3 kDa



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**Gene Summary:**

Phosphatase that dephosphorylates presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may be indirectly involved in innate immunity. PSDP is a bioactive lipid that rapidly remodels to presqualene monophosphate PSMP upon cell activation. Displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid.[UniProtKB/Swiss-Prot Function]