

Product datasheet for **MR203710L4V**

Plpp2 (NM_015817) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plpp2 (NM_015817) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plpp2
Synonyms:	L; Lpp2; PAP2-G; PAP2-gamma; PAP2c; Pp; Ppap2c
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015817
ORF Size:	831 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203710).
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_015817.2 , NP_056632.2
RefSeq Size:	1646 bp
RefSeq ORF:	831 bp
Locus ID:	50784
UniProt ID:	Q9DAX2
Cytogenetics:	10 39.72 cM



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Gene Summary:

The protein encoded by this gene is a lipid phosphate phosphohydrolase. It is an integral membrane protein that catalyzes the conversion of phosphatidic acid to diacylglycerol and inorganic phosphate. The transcript is expressed at high levels in lung, liver, and kidney and at low levels in brain and heart. Null mutant mice are viable and fertile and display no overt phenotypic defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]