

Product datasheet for **MR227416L4V**

Plcb2 (NM_177568) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plcb2 (NM_177568) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plcb2
Synonyms:	AI550384; B230205M18Rik; B230399N12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177568
ORF Size:	3543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227416).
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_177568.2 , NP_808236.2
RefSeq Size:	5145 bp
RefSeq ORF:	3546 bp
Locus ID:	18796
UniProt ID:	A3KGF7
Cytogenetics:	2 59.43 cM



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Gene Summary:

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. This protein may be involved in the transduction of bitter taste stimuli (By similarity).[UniProtKB/Swiss-Prot Function]