

Product datasheet for **MR211870L4V**

Plcg2 (NM_172285) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plcg2 (NM_172285) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plcg2
Synonyms:	PLC-gamma-2; Plcg-2; PLCgamma2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172285
ORF Size:	3798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211870).
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_172285.1 , NP_758489.1
RefSeq Size:	4345 bp
RefSeq ORF:	3798 bp
Locus ID:	234779
UniProt ID:	Q8CIH5
Cytogenetics:	8 64.26 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. It is a crucial enzyme in transmembrane signaling (By similarity).[UniProtKB/Swiss-Prot Function]