Product datasheet for MR210470L3V

Pla2g6 (NM_016915) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pla2g6 (NM_016915) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pla2g6
Synonyms:	BB112799; iPLA(2)beta; iPLA2; iPLA2beta; PNPLA9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016915
ORF Size:	2259 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210470).
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_016915.3
RefSeq Size:	3106 bp
RefSeq ORF:	2259 bp
Locus ID:	53357
UniProt ID:	P97819
Cytogenetics:	15 E1

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Gene Summary: Catalyzes the release of fatty acids from phospholipids. It has been implicated in normal phospholipid remodeling, nitric oxide-induced or vasopressin-induced arachidonic acid release and in leukotriene and prostaglandin production. May participate in fas mediated apoptosis and in regulating transmembrane ion flux in glucose-stimulated B-cells. Has a role in cardiolipin (CL) deacylation. Required for both speed and directionality of monocyte MCP1/CCL2-induced chemotaxis through regulation of F-actin polymerization at the pseudopods (By similarity).[UniProtKB/Swiss-Prot Function]