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Product datasheet for RC213466L3V

PLA2G2E (NM_014589) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLA2G2E (NM_014589) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLA2G2E
Synonyms:	GIIE sPLA2; sPLA2-IIE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014589
ORF Size:	426 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213466).
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_014589.1
RefSeq Size:	487 bp
RefSeq ORF:	429 bp
Locus ID:	30814
UniProt ID:	Q9NZK7
Cytogenetics:	1p36.13
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

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Protein Pathways:	alpha-Linolenic acid metabolism, Arachidonic acid metabolism, Ether lipid metabolism, Fc epsilon RI signaling pathway, Glycerophospholipid metabolism, GnRH signaling pathway, Linoleic acid metabolism, Long-term depression, MAPK signaling pathway, Metabolic pathways, Vascular smooth muscle contraction, VEGF signaling pathway
MW:	15.8 kDa
Gene Summary:	PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Has a preference for arachidonic-containing phospholipids. [UniProtKB/Swiss-Prot Function]