

Product datasheet for **RC222969L4V**

PLA2G4D (NM_178034) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLA2G4D (NM_178034) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLA2G4D
Synonyms:	cPLA2delta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178034
ORF Size:	2454 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222969).
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_178034.3
RefSeq Size:	3584 bp
RefSeq ORF:	2457 bp
Locus ID:	283748
UniProt ID:	Q86XP0
Cytogenetics:	15q15.1
Protein Pathways:	Fc gamma R-mediated phagocytosis
MW:	91.8 kDa



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Gene Summary:

The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al., 2004 [PubMed 14709560]).[supplied by OMIM, Jun 2009]