OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC202042L4V

Phospholipase D2 (PLD2) (NM_002663) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phospholipase D2 (PLD2) (NM_002663) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Phospholipase D2
Synonyms:	PLD1C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002663
ORF Size:	2799 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202042).
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_002663.2, NP_002654.2
RefSeq Size:	3475 bp
RefSeq ORF:	2802 bp
Locus ID:	5338
UniProt ID:	O14939
Cytogenetics:	17p13.2
Domains:	PX, PLDc, PH
Protein Families:	Druggable Genome

View online »

Protein Pathways:	Endocytosis, Ether lipid metabolism, Fc gamma R-mediated phagocytosis, Glycerophospholipid metabolism, GnRH signaling pathway, Metabolic pathways
MW:	105.8 kDa
Gene Summary:	The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]