

Product datasheet for **RC202935L4V**

PLCD4 (NM_032726) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLCD4 (NM_032726) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLCD4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032726
ORF Size:	2286 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202935).
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_032726.2
RefSeq Size:	3237 bp
RefSeq ORF:	2289 bp
Locus ID:	84812
UniProt ID:	Q9BRC7
Cytogenetics:	2q35
Domains:	C2, PI-PLC-X, PI-PLC-Y, PH, EFh
Protein Families:	Druggable Genome



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Protein Pathways: Calcium signaling pathway, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

MW: 87.6 kDa

Gene Summary: This gene encodes a member of the delta class of phospholipase C enzymes. Phospholipase C enzymes play a critical role in many cellular processes by hydrolyzing phosphatidylinositol 4,5-bisphosphate into two intracellular second messengers, inositol 1,4,5-trisphosphate and diacylglycerol. Expression of this gene may be a marker for cancer. [provided by RefSeq, Jan 2011]