

Product datasheet for **RR209950L4V**

Plcd1 (NM_017035) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plcd1 (NM_017035) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Plcd1
Synonyms:	Plc1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017035
ORF Size:	2268 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209950).
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_017035.1 , NP_058731.1
RefSeq Size:	2791 bp
RefSeq ORF:	2271 bp
Locus ID:	24655
UniProt ID:	P10688
Cytogenetics:	8q32



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Gene Summary:

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Essential for trophoblast and placental development.[UniProtKB/Swiss-Prot Function]