

Product datasheet for **RC210686L4V**

Phospholipase c eta 1 (PLCH1) (NM_014996) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phospholipase c eta 1 (PLCH1) (NM_014996) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Phospholipase c eta 1
Synonyms:	PLC-L3; PLC eta 1; PLCL3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014996
ORF Size:	4965 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210686).
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_014996.2 , NP_055811.1
RefSeq Size:	6128 bp
RefSeq ORF:	5058 bp
Locus ID:	23007
UniProt ID:	Q4KWH8
Cytogenetics:	3q25.31
Protein Families:	Druggable Genome
MW:	184.9 kDa



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Gene Summary:

PLCH1 is a member of the PLC-eta family of the phosphoinositide-specific phospholipase C (PLC) superfamily of enzymes that cleave phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂) to generate second messengers inositol 1,4,5-trisphosphate (IP₃) and diacylglycerol (DAG) (Hwang et al., 2005 [PubMed 15702972]).[supplied by OMIM, Jun 2009]