

Product datasheet for **RC230668L4V**

Phospholipase C beta 3 (PLCB3) (NM_001184883) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phospholipase C beta 3 (PLCB3) (NM_001184883) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Phospholipase C beta 3
Synonyms:	SMDCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001184883
ORF Size:	3501 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230668).
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_001184883.1
RefSeq ORF:	3504 bp
Locus ID:	5331
UniProt ID:	Q01970
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome



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Protein Pathways: Alzheimer's disease, Calcium signaling pathway, Chemokine signaling pathway, Gap junction, GnRH signaling pathway, Huntington's disease, Inositol phosphate metabolism, Long-term depression, Long-term potentiation, Melanogenesis, Metabolic pathways, Phosphatidylinositol signaling system, Vascular smooth muscle contraction, Wnt signaling pathway

MW: 131.7 kDa

Gene Summary: This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]