

## Product datasheet for **RC223455L4V**

### GPLD1 (NM\_177483) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GPLD1 (NM_177483) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPLD1
Synonyms:	GPIPLD; GPIPLDM; MGC22590; PIGPLD; PIGPLD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177483
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223455).
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. <a href="#">More info</a>
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:	<a href="#">NM_177483.1</a> , <a href="#">NP_803436.1</a>
RefSeq Size:	1096 bp
RefSeq ORF:	530 bp
Locus ID:	2822
Cytogenetics:	6p22.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis
MW:	17.3 kDa



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**Gene Summary:**

Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many blood cells. The protein encoded by this gene is a GPI degrading enzyme. Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane. [provided by RefSeq, Jul 2008]