

## Product datasheet for **RC222083L4V**

### INPP5A (NM\_005539) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	INPP5A (NM_005539) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INPP5A
Synonyms:	5PTASE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005539
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222083).
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_005539.3</a>
RefSeq Size:	2938 bp
RefSeq ORF:	1239 bp
Locus ID:	3632
UniProt ID:	<a href="#">Q14642</a>
Cytogenetics:	10q26.3
Domains:	IPPC, Exo_endo_phos
Protein Families:	Druggable Genome



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

**MW:** 47.8 kDa

**Gene Summary:** The protein encoded by this gene is a membrane-associated type I inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. [provided by RefSeq, Jul 2008]