

## Product datasheet for **RC222056L4V**

### **PIB5PA (INPP5J) (NM\_001002837) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PIB5PA (INPP5J) (NM_001002837) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIB5PA
Synonyms:	INPP5; PIB5PA; PIPP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001002837
ORF Size:	1914 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222056).
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_001002837.1</a> , <a href="#">NP_001002837.1</a>
RefSeq Size:	2238 bp
RefSeq ORF:	1917 bp
Locus ID:	27124
UniProt ID:	<a href="#">Q15735</a>
Cytogenetics:	22q12.2
Protein Families:	Druggable Genome
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system



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**MW:** 70.1 kDa

**Gene Summary:** Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles (By similarity).[UniProtKB/Swiss-Prot Function]