

## Product datasheet for **MR221071L4V**

### Pip5k1b (NM\_008846) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Pip5k1b (NM_008846) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pip5k1b
Synonyms:	PI4P5K-I[b]; PIP5K1-beta; PIP5KIbeta; Pipk5b; STM7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008846
ORF Size:	1617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221071).
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_008846.2</a>
RefSeq Size:	2528 bp
RefSeq ORF:	1620 bp
Locus ID:	18719
UniProt ID:	<a href="#">P70181</a>
Cytogenetics:	19 B



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**Gene Summary:**

Participates in the biosynthesis of phosphatidylinositol 4,5-bisphosphate. Mediates RAC1-dependent reorganization of actin filaments. Contributes to the activation of PLD2. Together with PIP5K1A is required after stimulation of G-protein coupled receptors for stable platelet adhesion.[UniProtKB/Swiss-Prot Function]