

## Product datasheet for **MR222678L4V**

### Inpp4a (NM\_172971) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Inpp4a (NM_172971) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Inpp4a
Synonyms:	107kDa; 9630012D15; D130048C09Rik; R74740
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172971
ORF Size:	2073 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222678).
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_172971.2</a> , <a href="#">NP_766559.2</a>
RefSeq Size:	3004 bp
RefSeq ORF:	2073 bp
Locus ID:	269180
UniProt ID:	<a href="#">Q9EPW0</a>
Cytogenetics:	1 15.46 cM



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**Gene Summary:**

Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 1,4-bisphosphate. Involved in the regulation of megakaryocyte and fibroblast proliferation. Regulates cell growth downstream of transcription factor GATA-1.[UniProtKB/Swiss-Prot Function]