

Product datasheet for **MR211402L4V**

Inpp5b (NM_008385) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Inpp5b (NM_008385) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Inpp5b
Synonyms:	5PTase; 75kD; AW260155; INPP5P
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008385
ORF Size:	2982 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211402).
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. More info
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:	NM_008385.3 , NP_032411.3
RefSeq Size:	3826 bp
RefSeq ORF:	2982 bp
Locus ID:	16330
UniProt ID:	Q8K337
Cytogenetics:	4 57.89 cM



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Gene Summary:

This gene encodes a member of the inositol polyphosphate-5-phosphatase (INPP5) family. This protein hydrolyzes the 5' phosphate from phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol-1,4,5-trisphosphate, which results in changes to multiple signaling pathways. This protein may be involved in protein trafficking and secretion. Homozygous knockout mice exhibit impaired spermatogenesis and male sterility. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2014]