

## Product datasheet for **MR212706L3V**

### **Pmvk (NM\_027348) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pmvk (NM_027348) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pmvk
Synonyms:	1110011E12Rik; 2900002L22Rik; AV001327; PMK; PMKA; PMKASE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_027348
ORF Size:	513 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212706).
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_027348.1</a> , <a href="#">NP_081624.1</a>
RefSeq Size:	1173 bp
RefSeq ORF:	516 bp
Locus ID:	68603
UniProt ID:	<a href="#">Q9D1G2</a>
Cytogenetics:	3 F1



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**Gene Summary:**

Catalyzes the reversible ATP-dependent phosphorylation of mevalonate 5-phosphate to produce mevalonate diphosphate and ADP, a key step in the mevalonic acid mediated biosynthesis of isopentenyl diphosphate and other polyisoprenoid metabolites.  
[UniProtKB/Swiss-Prot Function]