

## Product datasheet for **MR216554L4V**

### **PPP1R3A (NM\_080464) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PPP1R3A (NM_080464) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R3A
Synonyms:	GM; RG1; RGL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080464
ORF Size:	3267 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216554).
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_080464.2</a> , <a href="#">NP_536712.2</a>
RefSeq Size:	7120 bp
RefSeq ORF:	3270 bp
Locus ID:	140491
UniProt ID:	<a href="#">Q99MR9</a>
Cytogenetics:	6 A1



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**Gene Summary:**

Seems to act as a glycogen-targeting subunit for PP1. PP1 is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Plays an important role in glycogen synthesis but is not essential for insulin activation of glycogen synthase.[UniProtKB/Swiss-Prot Function]