

## Product datasheet for **RC213696L4V**

### PPP1R9B (NM\_032595) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP1R9B (NM_032595) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R9B
Synonyms:	PPP1R6; PPP1R9; SPINO; Spn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032595
ORF Size:	2451 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213696).
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_032595.3</a>
RefSeq Size:	4071 bp
RefSeq ORF:	2454 bp
Locus ID:	84687
UniProt ID:	<a href="#">Q96SB3</a>
Cytogenetics:	17q21.33
Protein Families:	Druggable Genome, Phosphatase
MW:	89.2 kDa



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**Gene Summary:**

This gene encodes a scaffold protein that functions as a regulatory subunit of protein phosphatase 1a. Expression of this gene is particularly high in dendritic spines, suggesting that the encoded protein may play a role in receiving signals from the central nervous system. The encoded protein has putative tumor suppressor function and decreased expression has been observed in tumors. [provided by RefSeq, Feb 2014]