

## Product datasheet for **MR207982L4V**

### PPP2R5B (NM\_198168) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ppp2r5b (NM_198168) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppp2r5b
Synonyms:	B'beta; BC026670
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198168
ORF Size:	1494 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207982).
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_198168.2</a>
RefSeq Size:	2708 bp
RefSeq ORF:	1494 bp
Locus ID:	225849
UniProt ID:	<a href="#">Q6PD28</a>
Cytogenetics:	19 A


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**Gene Summary:**

As the regulatory component of the serine/threonine-protein phosphatase 2A (PP2A) holoenzyme, modulates substrate specificity, subcellular localization, and responsiveness to phosphorylation. The phosphorylated form mediates the interaction between PP2A and AKT1, leading to AKT1 dephosphorylation.[UniProtKB/Swiss-Prot Function]