

## Product datasheet for **MR201884L4V**

### **Ppp1r1b (NM\_144828) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ppp1r1b (NM_144828) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppp1r1b
Synonyms:	AU040756; Dar; DARP; DARPP-32; Darpp32
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144828
ORF Size:	585 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201884).
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_144828.1</a>
RefSeq Size:	1682 bp
RefSeq ORF:	585 bp
Locus ID:	19049
UniProt ID:	<a href="#">Q60829</a>
Cytogenetics:	11 D



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**Gene Summary:**

This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders in humans. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]