

## Product datasheet for **MR205326L3V**

### **PPP1R8 (NM\_146154) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ppp1r8 (NM_146154) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppp1r8
Synonyms:	6330548N22Rik; AU044684; NIPP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_146154
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205326).
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_146154.1</a>
RefSeq Size:	2060 bp
RefSeq ORF:	1056 bp
Locus ID:	100336
UniProt ID:	<a href="#">Q8R3G1</a>
Cytogenetics:	4 D2.3


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**Gene Summary:**

Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre-mRNA splicing. Binds DNA and might act as a transcriptional repressor. Essential for cell proliferation and early embryonic development.[UniProtKB/Swiss-Prot Function]