

Product datasheet for **MR211070L4V**

PPP1R10 (NM_001163818) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP1R10 (NM_001163818) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R10
Synonyms:	2610025H06Rik; Cat53; D17Ertd808e; Fb19; Pnuts
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163818
ORF Size:	2667 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211070).
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. More info
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:	NM_001163818.1 , NP_001157290.1
RefSeq Size:	4239 bp
RefSeq ORF:	2667 bp
Locus ID:	52040
UniProt ID:	Q80W00
Cytogenetics:	17 18.77 cM



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Gene Summary:

Scaffold protein which mediates the formation of the PTW/PP1 phosphatase complex by providing a binding platform to each component of the complex. The PTW/PP1 phosphatase complex plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. Mediates interaction of WDR82 and PPP1CA. Inhibitor of PPP1CA and PPP1CC phosphatase activities. Has inhibitory activity on PPP1CA only when phosphorylated. Binds to mRNA, single-stranded DNA (ssDNA), poly(A) and poly(G) homopolymers.[UniProtKB/Swiss-Prot Function]