

Product datasheet for **MR207118L4V**

PPP2R2B (NM_028392) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ppp2r2b (NM_028392) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppp2r2b
Synonyms:	2900026H06Rik; 6330404L05Rik; E130009M08Rik; PP2A-PR55B; PR55-BETA; SCA12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028392
ORF Size:	1341 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207118).
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_028392.2 , NP_082668.1
RefSeq Size:	2079 bp
RefSeq ORF:	1341 bp
Locus ID:	72930
UniProt ID:	Q6ZWR4
Cytogenetics:	18 B3



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Gene Summary:

The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Within the PP2A holoenzyme complex, isoform 2 is required to promote proapoptotic activity. Isoform 2 regulates neuronal survival through the mitochondrial fission and fusion balance. [UniProtKB/Swiss-Prot Function]