

Product datasheet for **MR200757L4V**

PPP1R11 (NM_029632) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP1R11 (NM_029632) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R11
Synonyms:	1500041B02Rik; AV117883; HcgV; Tcte5; Tctex-5; Tctex5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029632
ORF Size:	396 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200757).
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_029632.3 , NP_083908.1
RefSeq Size:	1696 bp
RefSeq ORF:	396 bp
Locus ID:	76497
UniProt ID:	Q8K1L5
Cytogenetics:	17 19.16 cM


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Gene Summary:

Atypical E3 ubiquitin-protein ligase which ubiquitinates TLR2 at 'Lys-754' leading to its degradation by the proteasome. Plays a role in regulating inflammatory cytokine release and gram-positive bacterial clearance by functioning, in part, through the ubiquitination and degradation of TLR2 (PubMed:27805901). Inhibitor of protein phosphatase 1 (By similarity). [UniProtKB/Swiss-Prot Function]