

Product datasheet for **MR208363L4V**

Trim27 (NM_009054) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trim27 (NM_009054) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trim27
Synonyms:	AW538890; Gm19403; Rfp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009054
ORF Size:	1539 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208363).
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_009054.3 , NP_033080.2
RefSeq Size:	4204 bp
RefSeq ORF:	1542 bp
Locus ID:	19720
UniProt ID:	Q62158
Cytogenetics:	13 7.67 cM



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Gene Summary:

E3 ubiquitin-protein ligase that mediates ubiquitination of PIK3C2B and inhibits its activity; mediates the formation of 'Lys-48'-linked polyubiquitin chains; the function inhibits CD4 T-cell activation. Acts as a regulator of retrograde transport: together with MAGEL2, mediates the formation of 'Lys-63'-linked polyubiquitin chains at 'Lys-220' of WASHC1, leading to promote endosomal F-actin assembly. Has a transcriptional repressor activity. Induces apoptosis by activating Jun N-terminal kinase and p38 kinase and also increases caspase-3-like activity independently of mitochondrial events. May function in male germ cell development. Has DNA-binding activity and preferentially bound to double-stranded DNA.[UniProtKB/Swiss-Prot Function]