

Product datasheet for **MR216967L4V**

Rmi2 (NM_001162932) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rmi2 (NM_001162932) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rmi2
Synonyms:	A630055G03Rik; Gm537; Gm929
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001162932
ORF Size:	447 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216967).
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_001162932.1 , NP_001156404.1
RefSeq Size:	3739 bp
RefSeq ORF:	450 bp
Locus ID:	223970
UniProt ID:	Q3UPE3
Cytogenetics:	16 A1



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Gene Summary:

Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates. It is required to regulate sister chromatid segregation and to limit DNA crossover. Essential for the stability, localization, and function of BLM, TOP3A, and complexes containing BLM. In the RMI complex, it is required to target BLM to chromatin and stress-induced nuclear foci and mitotic phosphorylation of BLM. [UniProtKB/Swiss-Prot Function]