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Product datasheet for MR221627L3V

Rims1 (NM_001012624) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rims1 (NM_001012624) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rims1
Synonyms:	C030033M19Rik; mKIAA0340; Rab3ip1; Rim; RIM1; RIM1a; RIM1alpha; Serg1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001012624
ORF Size:	4050 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR221627).`
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_001012624.1
RefSeq Size:	4053 bp
RefSeq ORF:	4053 bp
Locus ID:	116837
UniProt ID:	Q99NE5
Cytogenetics:	1 A5

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Gene Summary: Rab effector involved in exocytosis (PubMed:11797009). May act as scaffold protein that regulates neurotransmitter release at the active zone. Essential for maintaining normal probability of neurotransmitter release and for regulating release during short-term synaptic plasticity (PubMed:11797009). Plays a role in dendrite formation by melanocytes (By similarity).[UniProtKB/Swiss-Prot Function]