

Product datasheet for MC224308

Rims1 (NM_001012624) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rims1 (NM_001012624) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rims1
Synonyms:	C030033M19Rik; mKIAA0340; Rab3ip1; Rim; RIM1; RIM1a; RIM1alpha; Serg1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224308 representing NM_001012624 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGTCCTCGGCCGTGGGGCCCCGAGTCTCGCCACCCACGGTGCCTCCCCTATGCAAGAACTGCCCC
ACCTGAGCCACCTGACCGAGGAGGAGGAACATTATCATGGCAGTGATGGACCGCAGAAGGAAGAGGA
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CAAAATCAGAACCTCAAGTTGAAATTATTGTTTCAAGGCCTATTGGTGACATCCCCAGGATCCCTGAGAG
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ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:

Sgfl-NotI

ACCN:

NM_001012624

Insert Size:

4053 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001012624.1](#), [NP_001012642.1](#)

RefSeq Size: 4053 bp

RefSeq ORF: 4053 bp

Locus ID: 116837

UniProt ID: [Q99NE5](#)

Cytogenetics: 1 A5

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]