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Product datasheet for MC229633

Rims2 (NM_001256382) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rims2 (NM_001256382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rims2
Synonyms:	2810036I15Rik; AW048769; mKIAA0751; Rab3ip2; RIM2; Rim2(+4A); Rim2(+40A); Rim2(+44A); Serg2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229633 representing NM_001256382 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCGGCTCCGCTCGGGCCCCGGGGCCGCCCGGCTCCCACCCCGGCGGCCTCTCAACCTCCTCCGCAGC CCGAGATGCCGGACCTCAGCCACCTCACGGAAGAGGAGAGGAAAATCATCCTGGCTGTCATGGATCGTCA GAAGAAAGAAGAGGAGAAGGAGCAGTCCGTGCTCAAAAAGCTGCACCAACAATTTGAAATGTATAAGGAG CAAGTCAAGAAGATGGGAGAGGAATCGCAGCAGCAGCAAGAGCAGAAGGGTGATGCCCCGACCTGTGGCA TCTGCCACAAGACAAAATTTGCAGATGGATGCGGCCATAATTGTTCCTATTGCCAAACCAAGTTCTGTGC TCGATGTGGAGGTCGAGTGTCTTTACGCTCAAACAAGGTTATGTGGGTGTGTAATTTGTGCCGAAAACAA CAAGAAATCCTCACTAAATCAGGAGCATGGTTTTATAATAGTGGGTCTAACACACTGCAGCAACCTGATC AAAAGGTTCCTCGAGGGCTTCGAAATGAGGAAGCCCCTCAGGAGAAGAAAGCAAAACTACACGAGCAGCC CCAGTTCCAAGGAGCCCCAGGTGACTTATCAGTACCTGCAGTTGAGAAAGGCCGAGCTCATGGGCTCACA AGACAGGATACTATTAAAAATGGATCAGGAGTGAAGCACCAGATTGCCAGTGACATGCCTTCAGACAGAA AACGAAGTCCATCAGTGTCCAGGGATCAAAATCGAAGATACGAGCAAAGTGAAGAAAGAGAGGACTACTC ACAGTATGTTCCTTCAGATGGTACAATGCCAAGATCTCCTTCGGATTATGCTGATAGACGATCTCAGCGT GAGCCTCAATTTTATGAAGAACCTGGTCATTTAAATTACAGGGATTCTAACAGGAGAGGCCATAGACATT CCAAAGAGTATATTGTGGATGATGAAGATGTGGAGAGCAGAGATGAATATGAAAGACAAAGGAGAGAGGA GGAATACCAGGCACGCTACAGAAGTGATCCAAATCTGGCCCGGTATCCCGTAAAGCCACAACCCTACGAA GAACAAATGCGCATCCACGCTGAGGTGTCCAGGGCACGACATGAGAGAAGGCACAGTGATGTTTCTTTGG CAAACGCTGAACTAGAAGATTCCAGGATTTCTCTGCTAAGGATGGATAGACCATCAAGGCAAAGATCTGT ATCTGAACGTAGAGCTGCAATGGAAAACCAACGATCGTATTCAATGGAAAGAACTCGAGAGGCTCAGGGA CAAAGTTCTTATCCACAAAGGACCTCAAATCATAGTCCTCCCACCCCTCGGCGGAGCCCTATACCGCTTG ATAGACCAGACATGAGGCGCGCTGACTCCCTACGGAAACAGCACCACTTAGATCCCAGCTCTGCTGTGAG GAAAACGAAGCGAGAAAAAATGGAAACCATGTTAAGGAATGATTCTTTGAGTTCAGACCAGTCCGAGTCA

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CTACCGGACCTTCTTACTCTCGTTCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001256382
Insert Size:	4719 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001256382.1, NP_001243311.1
RefSeq Size:	7404 bp
RefSeq ORF:	4719 bp
Locus ID:	116838
Cytogenetics:	15 15.45 cM
Gene Summary:	Rab effector involved in exocytosis. May act as scaffold protein. Plays a role in dendrite formation by melanocytes (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.