

Product datasheet for MC213132

Rims4 (NM_183023) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rims4 (NM_183023) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rims4
Synonyms:	6530406L02; Rim4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213132 representing NM_183023 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCGCTCGCAGAGCCGCTCAGCCTGTCCGCTCCTTCGAGGCGCTCGCCATCTACTTCCCGTGCA
TGAACCTTCGATGATGAGGACGACGAGACAGCCGGAGGCTGAAGGGTGCCATCCAGAGAAGCACAGA
GACGGGACTGGCGTGGAGATGCCAGCCGGACGCTCCGCCAAGCCAGCCATGAGTCCATCGAGGACAGC
ATGAACAGCTATGGCTCAGAGGGCAACCTTAACCTATGGAGGAGTTGTCTAGCTTCAGATGCCAGTTCA
GTGACTTCTGGGGAGTATGGGACCAGCACAGTTTGTGGGCCGCCAGACCCTGGTACCACCCATGGG
GGATGTGGAGATTGGCTTGCAGGAGCGGAATGGTCAGCTGGAGGTGGACATCATCCAGGCCCGGGGACTG
ACTGCCAAGCCAGGCTCGAAGACACTGCCAGCTGCCTATATCAAGGCCTATCTGCTGGAGAATGGTGTCT
GCATTGCCAAGAAGAAAACCAAGTGGCCCGCAAGTCACTGGACCCGTTGTACAACCAGGTGCTTCTGTT
TCCTGAGAGTCCCAGGGCAAAGTCTGCAGGTAATCGTGTGGGGAAACTACGGGCGGATGGAGCGGAAG
CAGTTCATGGGCGTGGCTCGAGTCTGCTGGAGGAACTGGACTTGACCACCCTGGCCGTGGGCTGGTACA
AGCTCTTCCCACCTCTCCATGGTGGACCCAGCCACAGTCCGCTGCTTCGGCAGGCATCCCAGCTGTC
CCTCGAGAGCACCGTGGGCCCTGTGGCAGCGATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_183023
Insert Size:	810 bp



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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:	<ol style="list-style-type: none">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_183023.1 , NP_898844.1
RefSeq Size:	832 bp
RefSeq ORF:	810 bp
Locus ID:	241770
UniProt ID:	P60191
Cytogenetics:	2 H3
Gene Summary:	Regulates synaptic membrane exocytosis.[UniProtKB/Swiss-Prot Function]