

Product datasheet for **RN201803**

Rims4 (NM_170666) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rims4 (NM_170666) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rims4
Synonyms:	Rim4gamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201803 representing NM_170666 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGAGCGCTCGCAGAGCCGCTCAGCCTGTCCGCTCCTTCGAGGCGCTCGCCATCTACTTCCCGTGCA
TGAACCTCTTCGATGATGAGGACGCAGCAGACAGCCGAGGCTGAAGGGTGCCATCCAGAGAAGCACAGA
GACAGGGCTGGCGTGGAGATGCCAGCCGACGTTACGCCAAGCCAGCCATGAGTCCATCGAGGACAGC
ATGAATAGCTATGGCTCAGAGGGCAACCTGAACATGAGGAGTTGTCTAGCTTCGGATGCCAGTTCA
GTGACTTCCTGGGAGCATGGGGCCAGCACAGTTTGTGGGCCGCCAGACCCTGGTACCACCCCATGGG
GGGTGTGGAGATCGTTTTACAGGAGCGGAACGGTCAGCTGGAGGTGGACATCATCCAGGCACGCGGGCTG
ACTGCCAAGCCAGGCTCGAAGACACTGCCAGCTGCCTATATCAAGGCCTATCTGTGGAAGATGGTGTCT
GCATTGCCAAGAAGAAGACCAAGTGGCCCGCAAGTCACTGGACCCATTGTACAACAGGTGCTTCTGTT
TCCTGAGAGTCCCAGGGCAAAGTCTGCAGGTAATTGTGTGGGAAACTACGGACGAATGGAGCGGAAG
CAGTTCATGGGCGTGGCTCGAGTGTCTGGAGGAAGTGGACTTGACCACCCTGGCGTGGGTGGTACA
AGCTCTTCCACCTCTCCATGGTGGACCCAGCCACAGTCCCTGCTTCGGCAGGCATCCAGCTGTC
CCTCGAGAGCACCGTGGGGCCCTGTGGCAGCGATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_170666
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:	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:	<u>NM_170666.1</u> , <u>NP_733766.1</u>
RefSeq Size:	810 bp
RefSeq ORF:	810 bp
Locus ID:	266976
UniProt ID:	<u>Q8CIX1</u>
Cytogenetics:	3q42
Gene Summary:	member of a family of synaptic proteins involved in neurotransmitter release [RGD, Feb 2006]