

Product datasheet for RN200224

Rims2 (NM_145881) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rims2 (NM_145881) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rims2
Synonyms:	Nim2; Rim2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200224 representing NM_145881 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGCCGGCAGGGCCTGGGGGACGGGTGCTGCGGGGCGCTCCATGCAGCGCTCTCAGAGCCGGAGCA
GCCTCTCCGCCTCTTTGAGGCTCTAGCTGGCTATTTTCCTTGATGAATCCCTGGAAGAAGATGAAGG
AGAAGGAGGAGGTAAAAAGCTACGCAGCACTGTCCAGAGAAGCACGGAGACCGGGCTAGCAGTGGAGATG
AGGAACCTGGATGACAAGACAGGCCAGCCGGAATCCACGGATGGCAGCATGAACAGTTACAGCTCAGAAG
GAAATCTGATCTTCTGGGGTCCGCCTGACAGCCAGTTCAGCGATTTCTTGATGGTCTGGG
CCCTGCTCAGCTAGTGGGACGCCAGACCTGGCGACTCCTGCAATGGGTGACATTAGGTGGGGATGATG
GATAAGAAGGGACAGCTGGAGGTAGAGATCATCCGGGCTCGAGGCCTTGAGTAAAACAGGTTCCAAGA
CACTGCCAGCACCATATGTCAAGGTGTACCTGTTAGACAACGGAGTCTGCATAGCCAAAAAGAAAACCA
GGTGGCGAGAAAGACGCTGGAGCCCCTGTATCAGCAGCTGTTATCTTTCGAAGAGAGCCCCAGGGGAAG
GTGTTACAGATCATTGTCTGGGAGATTATGGCCGATGGATCACAATCCTTTATGGGAGTGGCCAGA
TACTCTTAGATGAAGTGAAGTATCCAACATGGTAATTGGATGGTTCAAACCTCTCCCTCCTTCTCCCT
AGTAGATCCAACCTTGGCACCTCTGACAAGAAGAGCTTCCAATCGTCTCTGAAAGTTCTACTGGACCT
TCTTACTCTCGTTCA**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_145881
Insert Size:	858 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_145881.2</u> , <u>NP_665888.1</u>
RefSeq Size:	1961 bp
RefSeq ORF:	858 bp
Locus ID:	116839
UniProt ID:	<u>Q9JIS1</u>
Cytogenetics:	7q31
Gene Summary:	synaptic protein important for normal neurotransmitter release; binds Rab3a [RGD, Feb 2006]