

## Product datasheet for RN208319

### Rmdn2 (NM\_001037200) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rmdn2 (NM_001037200) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rmdn2
Synonyms:	Fam82a; Fam82a1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208319 representing NM_001037200 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCCATTCACGCACAAGAAGTCTCCTTGGCATCATGGCGGAACTGCTGGGATCAGCTTGCTGG  
TCCTATGGTACCACAAGATCCTTAAGCCCAGGACAACAATGATTTTCCCCAAGTTTCTTTCTTTGGGTAA  
GAAATCCGATTCACTCACTTTGCAAGATGAAAGCTATAGTGAACAAGGAACATCAGTGGTCTTTCAAAGG  
GGGCAGCTCCAGATCCTGGAGAAGTTAAACGAGTTACTGACCAATGTGGAGGAACTGAAGGAGGAGATCA  
AATTCCTTAAAGAGACGATTCCAAGCTGGAGGAATGTATACAAGATGAACCTGGAGTGAGGGTAACAGT  
TCATCAGGTCACTCCTCAGCACAGAGCTAGAAAAAGAAGACAACGACGACGACAGTCCAACGTCCAGCT  
ACAAGCAATAGTTCAGAGGAGGCAGAAAGTGAAGGAGGTATATTACAGCTAACACTGACACAGAAGAAC  
AGAGTTTCCCGGTCCCTAAGGCTCTTAACACACACATAGAGGATCTAAAGTTGGATGTCTCCTTCAGAA  
GGTAGACCACTTACGGCTAAATGAGGCTCACAAAATGGAGAGTTTCGAGCTACTTTGTGACCACAAAAGAG  
AAGTTTAGTGAAGAAATAGAGTTTCTGTGGCGGCTTGTCCGTGCCTATGGAGACATGTATGACCTATCTA  
CAAACACGCAGGAAAAGAACACTATGCTAATGTTGAAAAACTTTAGGAGAGAGAGCTATTACCAGAGC  
GCCTATGAATGGACACTGCCATCTGTGGTATGCACTTTTGTGGTTATGTATCTGAGTTTGAGGGCTTG  
CAAAATAAAATTAAGTGTGGACATCTATTCAAGAAGCATCTAGATATAGCCATCCAGCTTTTGCCTGAAG  
AACCCGTTTTATATTACCTCAAGGGAAGATATTGTTATACTGTCTCAAACTCAGCTGGATTGAGAAAAA  
AATGGCTGCTACTCTATTTGGGAAATACCATCTTCAACAGTTTCATGAAGCTTTGCATAACTTCTTAAG  
ACTGAAGAATTGCAACCTGGGTATTCTGTGTCCAACATATATGTATGTGGCCAAGTGTATGTTGATCTTG  
GGGAATCTCGGGAGGCTTGAAATCTGTAACCTGGCATTGTTATTGCCTATCGTCACCAAAGAGGACAA  
GGATGCACACAAGGAAGTGAAGAAAATAATTGGTCTTTGAAGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001037200
<b>Insert Size:</b>	1239 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001037200.1</a></u> , <u><a href="#">NP_001032277.1</a></u>
<b>RefSeq Size:</b>	2012 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	313840
<b>UniProt ID:</b>	<u><a href="#">Q498D5</a></u>
<b>Cytogenetics:</b>	6q11