

## Product datasheet for RN215145

### Rab2a (NM\_031718) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rab2a (NM\_031718) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Rab2a  
 Synonyms: Rab2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN215145 representing NM\_031718  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTACGCCTATCTCTTCAAGTACATCATCATCGCGACACAGGTGTTGGTAAATCGTGCTTATTGC  
 TACAGTTTACAGACAAGAGGTTTCAGCCGGTGCATGACCTCACAATGGGTGTAGAGTTTGGTGCTCGAAT  
 GATAACCATTGATGGGAAACAGATAAACTCCAGATCTGGGATACAGCAGGCAGGAGTCCTTTCTGTTCT  
 ATCACAAGGTCATATTACAGAGGTGCAGCGGGGCTTTACTAGTGTATGATATTACAAGGAGAGACACGT  
 TCAACCACTTGACAACCTGGTTAGAAGACGCCCGTCAGCATTCCAATCCAACATGGTCATCATGCTTAT  
 TGGAAATAAAAGTGACTTAGAATCTAGGAGAGAAGTAAAAAGGAAGAAGGTGAAGCTTTTGCACGAGAG  
 CATGGACTTATCTTATGGAAACTTCTGCCAAGACTGCTTCTAATGTAGAGGAGGCATTTATTAACACAG  
 CAAAAGAAATTTATGAAAAATCCAAGAAGGGTCTTTGACATTAATAATGAGGCAAACGGCATCAAAAT  
 TGGCCCTCAGCATGCTGCTACCAATGCATCTCACGGAGGCAACCAAGGAGGCAGCAGGCAGGGGGAGGC  
 TGCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_031718  
 Insert Size: 639 bp



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<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_031718.1</a></u> , <u><a href="#">NP_113906.1</a></u>
<b>RefSeq Size:</b>	639 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	65158
<b>UniProt ID:</b>	<u><a href="#">P05712</a></u>
<b>Cytogenetics:</b>	5q13
<b>Gene Summary:</b>	may have GTPase activity; may regulate exocytic and endocytic membrane traffic; may play a role in the secretory pathway [RGD, Feb 2006]