

## Product datasheet for **MC202714**

### Rab2a (NM\_021518) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Rab2a (NM_021518) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Rab2a                                  |
| Synonyms:                 | 9330148M11Rik; C80220; Rab2            |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |

**Fully Sequenced ORF:** >BC058382 sequence for NM\_021518  
GGCGCCGCGGCTGTTATTGTTCCGAAGGGCTGGGCGGCTGTGCTCCGCGCTCGGCGCTGTCAGTTCCGTCC  
CGCTGCCCTCGGCCTTTGCTGCTGGCTCTGACGGCGACCGGCGGGCGGGCCCGGTTCCGCGCCG  
AGCGGCGCGGTTGAGGGCGGGAGGAGGCGCACAGCGGGAGGAGGAGCCGTGAGCCTGGCACGGAGCGGC  
CGCGGCCATGGCGTACGCCTATCTCTTCAAGTACATCATCATCGGCGACACAGGTGTTGGTAAATCGTGC  
TTATTGCTACAGTTTACAGACAAGAGGTTTTCAGCCGGTGCATGACCTCACAATTGGTGTAGAGTTTGGTG  
CTCGGATGATAACGATTGATGGGAAACAGATAAACTCCAGATCTGGGATACAGCAGGGCAGGAGTCCTT  
TCGTTCTATCACACGGTCATATTACAGAGGTGCAGCGGGGCTTTACTAGTGTATGATATTACAAGGAGA  
GACACGTTCAACCACTTGACAACCTGGTTAGAAGATGCCCGTCAGCATTCCAATCCAACATGGTCATCA  
TGCTTATTGAAAATAAAAGTGACTTAGAATCTAGGAGAGAAGTAAAAAGGAAGAAGGTGAAGCTTTTGC  
ACGAGAGCATGGACTTATCTTCATGGAACTTCTGCCAAGACTGCGTCTAATGTAGAAAAGGCATTTATT  
AACACAGCAAAAAGAAATTTATGAAAAAATCCAAGAAGGGTCTTTGACATTAATAATGAGGCAAAACGGCA  
TTAAAATTGGCCCTCAGCACGCTGCTACCAACGCATCTCATGGAAGCAACCAAGGCGGACAGCAGGAGG  
GGGAGGCTGCTGTTGAGTCTGGTGTACCGGCTAGCTGCCAGTGGAGCCACGCACTCTGTACCCTCTT  
TCCTCATGCTCAGCTGAGACATGAACTATTGAAATGGCTTTATGTACAGGAGACTTTAATCCTTCAGA  
TTCTTGATAACTTTGAATAAATGGTTAATGTTCACTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** AscI-NotI

**ACCN:** NM\_021518

**Insert Size:** 639 bp

**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).



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|                               |   |
|-------------------------------|---|
| <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="#">BC058382</a></u> , <u><a href="#">AAH58382</a></u>   |
| <b>RefSeq Size:</b>           | 1042 bp   |
| <b>RefSeq ORF:</b>            | 639 bp  |
| <b>Locus ID:</b>              | 59021   |
| <b>UniProt ID:</b>            | <u><a href="#">P53994</a></u>   |
| <b>Cytogenetics:</b>          | 4 A1  |
| <b>Gene Summary:</b>          | Required for protein transport from the endoplasmic reticulum to the Golgi complex.<br>[UniProtKB/Swiss-Prot Function]  |