

## Product datasheet for **MC200617**

### **Rnd3 (NM\_028810) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnd3 (NM_028810) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnd3
Synonyms:	2610017M01Rik; AI661404; Arhe; Rhoe
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC009002 sequence for NM\_028810  
 GGAAGAGAGGCGCGGAGTCAGGCAGAAAACCTGTAGGAGAGGAGTAAAGAGCCGCTGCCTCTCCTCCTCC  
 ACTCCGCTGTGCTTAAAGGGGTTCCCGCCGGCCTTGCATTTATTTTTATATCTGCTTTTTATAGAGAGA  
 AGTATATATATATTTTTTTCTTCTAAAGAGAAAATTCCTGTTCCAAGAGAAAATAAGGCAACATCAATG  
 AAGGAGAGAAGAGCCAGCCAGAAATTATCCAGTAAATCTATCATGGATCCTAATCAGAACGTGAAATGCA  
 AGATAGTAGTAGTGGGCGACAGCCAGTGTGGGAAAACCGCGCTGCTCCACGTCTTCGCCAAGGACTGCTT  
 CCCAGAAAATTACGTCCCTACGGTGTGAGAATTACACTGCCAGTTTTGAAATCGACACAAAAGAATA  
 GAGTTGAGCCTGTGGGACACTTCAGGTTCTCCTTACTATGACAACGTCCGTCCACTCTCTTACCCAGATT  
 CTGATGCAGTGCTCATTTGCTTTGACATCAGTAGACCAGAGACTCTGGACAGTGTCTTAAAAAGTGAA  
 AGGTGAGATCCAGGAGTTTTGTCCCAATACCAAGATGCTGTTGGTGGGCTGCAAGTCTGATCTGCGGACA  
 GATGTCAGCACATTAGTGGAACTCTCAAATCACAGGCAGACTCCTGTGTCATATGACCAGGGGGCAAATA  
 TGGCCAAGCAGATCGGAGCAGCCACTTACATAGAATGCTCAGCTTACAGTCAGAAAACAGCGTCAGAGA  
 CATTTTTACGTCGCCACCTTGGCGTGTGTAATAAGACAATAAAAACGTTAAGCGGAACAAATCGCAG  
 AGGGCCACAAAGCGGATTCGCACATGCCTAGCAGACCAGAACTCTCAGCAGTTGCTACGGACTTACGAA  
 AGGACAAAAGCGAAGAGCTGACTGTGATGTGAGGCTTCGCCGTCTATAAGGAGGACGCGGAATATCTGG  
 TGTTTTAAAAAATAATAATTCAAATTTAAAAATTTAAAAAGCAGGAGCAAACCGGAAAGATGGAGTCAA  
 ATGAAGTGCACAGCCAAAGTCACATAGATACAGGCTTAGGAGGCCCTTGAAGGATACCCACTTTTCGGA  
 ATCCTGTCCTTAGTTTCGGCATGTAGACCAGTGGTGAGAAGCGAATGCATTGAAGAGTTTTGTGTGACA  
 AGAAGTGTGACTTGAAAAATCCGCCAAAAACAAAGGGAGCTATGAACGGGCGAGAGCTAGAGAAGTGGGG  
 GACGCCAGTACCTCCAAGAAGAACATCCACGCTCTGAATGGTGCCTTGAGTATTTTCGTTTTGTGTTTGT  
 GGTTTTGTACAACCTATTCGTGGATCTCTACTTTTTGATTTTCGTTTTTCAGTGTTTTAAATCCCTTTTCC  
 CAAAAAGTATATATTAGTAGACCGTCTCATTGGGGAACCTGCACTGTGACCTTAGCCTTTAGTTTTCTA  
 GAGGATGCGATCTAATTTCTCCTAGCTCATTAATAATGAAATTTGACTGGGACCCGCTGGGATTCG  
 AGAGGAAAACCTTGATGCGGCTTTGAAATCTTGACTTCTGAAAGGTCGCTGCTGAGCAAGATGGTTTGAAA  
 GCAAGCTTCAGAGCCCTTACAAGATGCATAGACCAGCACTACAGAGATTGCGTAGATCAACTAGAAGAGA  
 GTGTTGCTTTTTATTCTGTCTGATGGTTTTGTTTCATCCTTGTGATTGTCCTTAAACAAGTGGTAAATTGTT  
 CCGTGTAATTTTTTTGTGAGCTGTTTAGAAGAGTGTGTGGCTTTGTTTTCTTTTTGCCATCGTTGA  
 TGAAAACGAGAAGTCGAATAAAGATGTGATCGTCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_028810

**Insert Size:** 735 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).

**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:** [BC009002](#), [AAH09002](#)

RefSeq Size:	1872 bp
RefSeq ORF:	735 bp
Locus ID:	74194
UniProt ID:	<a href="#">P61588</a>
Cytogenetics:	2 C1.1
Gene Summary:	Binds GTP but lacks intrinsic GTPase activity and is resistant to Rho-specific GTPase-activating proteins.[UniProtKB/Swiss-Prot Function]