

Product datasheet for **SC332265**

RND3 (NM_001254738) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RND3 (NM_001254738) Human Untagged Clone
Tag: Tag Free
Symbol: RND3
Synonyms: ARHE; memB; Rho8; RhoE
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332265 representing NM_001254738.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAAGGAGAGAAGCCAGCCAGAAATTATCCAGCAAATCTATCATGGATCCTAATCAGAACGTGAAA  
TGCAAGATAGTTGTGGTGGGAGACAGTCAGTGTGGAAAACTGCGCTGCTCCATGTCTTCGCCAAGGAC  
TGCTTCCCGAGAATTACGTTCTACAGTGTGGAGAATTACACGGCCAGTTTTGAAATCGACACACAA  
AGAATAGAGTTGAGCCTGTGGGACACTTCGGGTTCTCCTTACTATGACAATGCCGCCCTCTCTTAC  
CCTGATTCGGATGCTGTGCTGATTTGCTTTGACATCAGTAGACCAGAGACCCTGGACAGTGCCTCAA  
AAGTGGAAAGGTGAAATCCAGGAATTTGTCCAAATACAAAATGCTCTTGGTCGGCTGCAAGTCTGAT  
CTGCGGACAGATGTTAGTACATTAGTAGAGCTCTCCAATCACAGGCAGAGCCAGTGCCTATGACCAG  
GGGCAAATATGGCCAAACAGATTGGAGCAGCTACTTATATCGAATGCTCAGCTTACAGTCGGAAAAT  
AGCGTCAGAGACATTTTTACGTTGCCACCTTGGCATGTGTAATAAGACAAATAAAAACGTTAAGCGG  
AACAAATCACAGAGAGCCACAAAGCGGATTTACACATGCCTAGCAGACCAGAAGCTCTCGGCAGTTGT  
ACGGACTTACGAAAGGACAAAGCGAAGAGCTGCACTGTGATGTA
```

Restriction Sites: Sgfl-MluI
ACCN: NM_001254738
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).



[View online »](#)

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: [NM_001254738.1](#)

RefSeq Size: 2807 bp

RefSeq ORF: 735 bp

Locus ID: 390

UniProt ID: [P61587](#)

Cytogenetics: 2q23.3

MW: 27.4 kDa

Gene Summary: This gene encodes a protein which is a member of the small GTPase protein superfamily. The encoded protein binds only GTP but has no GTPase activity, and appears to act as a negative regulator of cytoskeletal organization leading to loss of adhesion. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec 2011]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.