

Product datasheet for **MC204635**

Rhog (NM_019566) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rhog (NM_019566) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rhog
Synonyms: 2810426G09Rik; Arhg; Sid10750
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC059775
 CCCAGAGCCGCCGCCGCCGCCAGCTCCCCCGCCGCGGGAGGGCACCAGGTCCTACTTTCAGTGGGG
 TCCAGAAGAGAGAGAGGAGGCACTGCCTCCACGACAGTAACCTTACAGCACAATGCAGAGCATCAAGTGTGT
 GGTGGTGGGCGATGGGGCCGTAGGCAAGACGTGCCTTCTCATCTGCTATACAACCTAACGCCCTCCCCAAG
 GAATACATCCCCACTGTGTTTGACAATTACAGCGCCAGAGTGCGGTTGATGGGCGCACCGTGAACCTAA
 ACCTGTGGGACACTGCGGGCCAGGAGGAATATGACCGCCTCCGCACCTTTCTACCCTCAGACCAACGT
 CTTTCGTACTGTGTTTCTCCATTGCCAGTCCACCCTCCTATGAGAACGTGAGGCACAAATGGCACCCAGAG
 GTTTGTCACCACTGCCCTGACGTGCCTATCCTCCTGGTGGGTACCAAGAAGGACCTGAGAGCCCAGCCTG
 ATACCCTACGGCGCCTCAAGGAGCAGGGTCAAGCGCCATCACTCCACAGCAGGGCCAGGCACTGGCCAA
 GCAGATCCATGCTGTGCGCTACCTCGAGTGTCTCAGCACTGCAACAAGACGGCGTCAAGGAGGTGTTTGGC
 GAGGCTGTCCGGCGGTGCTTAACCCAACCCGATAAAGCGTGGGCGGTCTGCATCCTCTGTGACCCCT
 GGCACTCAGCTTGAGGCTATCCCTTTGCCCCCCACCAATTGTGCCTTGGCGCCTTGTCTGCCCCAG
 CTGTGCCTTAAGGACTAATTCTGGCACCCCTTGCTGGAAACTCCCTGAATGCCTTTTATTCCTTAAGGA
 GGTACACAGGGAAAGGGGCTTTGGGCCCCACTACTCTGCTTGGGAATACCAAGTATTCATGAGTTCA
 ACTAAGCCAGGTTTACCTAAGAGGCCAACCCGGTGTCTCGCTCCATTCCCTGCTACTGACCAGTTTATCC
 AGCTTTCCAAAGTTGTTGCTGCCTATTGTGATGCCTCCTAAGACAGGGGCTTAACCTCTCTGCTTAA
 GCTCTTGGACTAGGCTCTCCAAGATGTTCTCTCCCTCCCCAAAGGAGAAGCCACAGAATCTGAGAAGA
 AAGATGTGCCCTAACCTGCCCATGTGCCAGGACTTACGCGCTGTGACTGACTCAGGCCCGGTGCTC
 CTGGGGGCTTTCTACCCCAACCAGCATCAATAAACCTCCTGTCTCAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_019566
Insert Size: 576 bp



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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:	<ol style="list-style-type: none">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:	BC059775 , AAH59775
RefSeq Size:	1317 bp
RefSeq ORF:	576 bp
Locus ID:	56212
UniProt ID:	P84096
Cytogenetics:	7 E2
Gene Summary:	Required for the formation of membrane ruffles during macropinocytosis. Plays a role in cell migration and is required for the formation of cup-like structures during trans-endothelial migration of leukocytes (By similarity).[UniProtKB/Swiss-Prot Function]