

Product datasheet for MC226198

Rhoc (NM_001291859) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rhoc (NM_001291859) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rhoc
Synonyms: AI324259; Arh9; Arhc
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226198 representing NM_001291859
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCGATCCGAAAGAAGCTGGTGATTGTGGGTGACGGTGCCTGTGGGAAGACCTGCCTCCTCATTG
 TCTTCAGCAAAGATCAGTTTCCAGAGGTCTACGTGCCTACCGTCTTTGAGAACTATATAGCCGACATCGA
 AGTGGATGGCAAGCAGGTGGAGCTGGCTCTGTGGGACACAGCTGGGCAAGAAGACTACGATCGCCTGCGG
 CCTCTCTCTACCCGGACACTGACGTCATCCTCATGTGTTTCTCCATTGACAGCCCTGACAGTTTGGAAA
 ACATTCTGAGAAGTGGACCCAGAGGTGAAGCACTTTTGTCCCAACGTGCCATCATCCTAGTGGGGAA
 TAAAAAGGACCTGAGGCAAGATGAGCATACCAGGAGAGAGCTGGCCAAGATGAAACAGGAGCCGGTTCGA
 TCTGAGGAAGGCCGGGACATGGCAAACAGGATCAGTGCCTTTGGTACCTCGAGTCTCGCCAAGACTA
 AGGAAGGGGTGCGGGAGGTATTTGAGATGGCCACTCGGGCGGCCTACAGGTCCGGAAGAATAAGCGCCG
 GAGGGGCTGTCCATTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001291859
Insert Size: 582 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001291859.1</u> , <u>NP_001278788.1</u>
RefSeq Size:	1092 bp
RefSeq ORF:	582 bp
Locus ID:	11853
UniProt ID:	<u>Q62159</u>
Cytogenetics:	3 F2.2
Gene Summary:	<p>Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Serves as a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Regulates apical junction formation in bronchial epithelial cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>