

Product datasheet for **SC205821**

RHOC (NM_001042678) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RHOC (NM_001042678) Human 3' UTR Clone
Symbol: RHOC
Synonyms: ARH9; ARHC; H9; RHOH9
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001042678
Insert Size: 454 bp
Insert Sequence: >SC205821 3' UTR clone of NM_001042678
The sequence shown below is from the reference sequence of NM_001042678. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

AGGTCCGCAAGAACAAGCGTCGGAGGGGCTGTCCCATTCTC**TGA**GATCCCAAGGCCTTTCCTACATGCC
CCCTCCCTTACAGGGGTACAGAAATTATCCCCTACAACCCAGCCTCCTGAGGGCTCCATGCTGAAGG
CTCCCATTTTCAGTTCCTCCTGCCAGGACTGCATTGTTTTCTAGCCCCGAGGTGGTGGCACGGGCCCT
CCCTCCAGCGCTCTGGGAGCCACGCCTATGCCCTGCCCTTCTCAGGGCCCCTGGGGATCTTGCCCCCT
TTGACCTTCCCCAAAGGATGGTACACACCAGCACTTTATACACTTCTGGCTCACAGGAAAGTGTCTGCA
GTAGGGGACCCAGAGTCCCAGGCCCTGGAGTTGTTTTCGGCAGGGGCCCTTGCTCTCACTGCATTTGGT
CAGGGGGCATGAATAAAGGCTACAGGCTCCAAC

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001042678.1</u>
Summary:	This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Locus ID:	389