

Product datasheet for **SC304654**

RHOF (NM_019034) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RHOF (NM_019034) Human Untagged Clone
Tag: Tag Free
Symbol: RHOF
Synonyms: ARHF; RIF
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC304654 representing NM_019034.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATGCCCCCGGGCCCTGGCCAGACCGCCGCCCGGTCCGGGCAGGAAGGAGCTGAAGATCGTG
ATCGTGGGCGACGGCGGCTGCGGCAAGACTCGCTGCTCATGGTGTACAGCCAGGGCTCCTTCCCGAG
CACTACGCCCCATCGGTGTTGAGAAAGTACACGGCCAGCGTGACCGTTGGCAGCAAGGAGGTGACCTG
AACCTCTACGACACGGCCGGCAAGAAGACTATGACCGGCTGCGGCCCTGTCTACCAGAACCCAC
CTCGTGCTCATCTGCTATGACGTCATGAATCCCACCAGCTACGACAACGTCTCATCAAGTGTTCCCT
GAGGTCACGCATTTCTGCCGCGGATCCCCATGGTGCTCATCGGCTGCAAGACAGACCTGAGGAAGGAC
AAGGAGCAGCTGCGGAAGCTCCGGGCCGCCAGCTGGAGCCCATACCTACATGCAGGGCCTGAGCGCC
TGCGAACAGATCCGAGCTGCTCTACCTGGAATGTTCCGCCAAGTTTCGGGAGAATGTGGAGGACGTC
TTCCGGGAGGCCCAAGGTGGCTCTCAGCGCTCTGAAGAAGGCCAACGGCAGAAGAAGCGCCGGCTC
TGCCTGCTGCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI
ACCN: NM_019034
Insert Size: 636 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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_019034.2
RefSeq Size:	2451 bp
RefSeq ORF:	636 bp
Locus ID:	54509
UniProt ID:	Q9HBH0
Cytogenetics:	12q24.31
MW:	23.6 kDa
Gene Summary:	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. Causes the formation of thin, actin-rich surface projections called filopodia. Functions cooperatively with CDC42 and Rac to generate additional structures, increasing the diversity of actin-based morphology.[UniProtKB/Swiss-Prot Function]