

Product datasheet for **SC332379**

RGH19 (ARHGAP19) (NM_001256423) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RGH19 (ARHGAP19) (NM_001256423) Human Untagged Clone
Tag: Tag Free
Symbol: RGH19
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332379 representing NM_001256423.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCTCATCAGAACTTTCAGCACTTATTGATGCCATCTGCAGTTTTGTGATCTGCAATGATTCTTCC
CTTCGAGGTCAGCCCATTTATCTTTAATCCTGACTTTTTTGTGGAGAACTCCGACATGAGAACTGAG
ATTTCACTGAGTTGGTGGTCAGCAATATCACAAGGTCATCGATTTACCTGGAAGTGGCTCAG
CTGATGGGGGAAGTGGACCTTAAGTTGCCTGGCGGGCTGGCCAGCATCAGGATTCTCCGGTCTCTC
ATGTCTCTCAAGCGAAAGGAAAAAGGAGTGATATTTGGGTCCCACTGACGGAGGAAGGCATTGCCAG
ATATACCAACTGATTGAGTATCTACACAAAACTTGCGAGTAGAGGGTTTGTGTTAGAGTACCGGTAAT
AGTGTCCGACAGCAGATTTTAAGGGATGCTCTCAATAATGGAAGTACATTGACTTGGAATCAGGGGAA
TTTCACTCAAATGATGTTGCCACTTTGCTGAAGATGTTTCTAGGAGAGTTGCCGGAGCCTCTGCTGACA
CATAAACACTTCAATGCACACCTCAAAATCGCTGATTTGATGCAGTTTGATGATAAAGGAAACAAGACC
AATATACCAGACAAGGACCGGCAAAATTGAGGCTCTCCAGTTGCTCTTCTCATTCTCCCTCCTCCTAAT
CGTAATTTGCTGAAGTTATTGCTTGATCTCTATACCAGACAGCAAAGAAACAAGACAAGAACAAGATG
TCAGCCTATAACCTTGCCCTTATGTTTGACCCCATGCTCTGTGGCCAAAAAATGCTACTGCAAATGAC
CTTCAGGAGAATATCACAAAGTTAAACAGTGGGATGGCTTTTATGATTAAACACTCCAGAACTTTTT
AAGGCTCCTGCTTACATTCGGGAGTGTGCGAGATTGCACTATTTGGGATCCAGAACTCAGGCATCAAAG
GATGACCTTGACCTCATAGCTTCATGTCATACTAAGTCCTTTCAGCTGGCAAAGTCTCAGAAACGGAAC
CGGGTAGATTCTGCCCTCACCAGGAGGAGACCCAGCACCATACGGAAGAGGCACTGAGAGAGCTGTTT
CAACACGTTTATGATATGCCAGAGTCAGCAAAGAAGAAACAACCTATTAGACAGTTTAATAAGCAATCA
TTGACCCAGACACCAGGGCGAGAACCTTCTACTTCCCAGGTACAAAGAGGGCTCGTTCGCGCTCCTTC
AGTGGGCTTATTAAGCGGAAGGTCCTGGGAAATCAGATGATGTCAGAAAAGAAAAAGAAGAACCTACT
CCAGAATCTGTGGCCATTGGTGAATTGAAGGGAACCAGCAAAGAAAAATAGGAAGTATTATTTTCTGGC
TCTCCAGCTGTCACGATGACACCAACAAGATTGAAGTGGTCTGAAGGGAAGAAAGAGGGGAAAAAAGGA
TTTCTCTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001256423
Insert Size: 1458 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:	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_001256423.1</u>
RefSeq Size:	5478 bp
RefSeq ORF:	1458 bp
Locus ID:	84986
UniProt ID:	<u>Q14CB8</u>
Cytogenetics:	10q24.1
MW:	54.9 kDa
Gene Summary:	Members of the ARHGAP family, such as ARHGAP19, encode negative regulators of Rho GTPases (see RHOA; MIM 165390), which are involved in cell migration, proliferation, and differentiation, actin remodeling, and G1 cell cycle progression (Lv et al., 2007 [PubMed 17454002]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (3) has an alternate 5' exon, compared to variant 1, resulting in an isoform (3) that has a shorter and distinct N-terminus, compared to isoform 1.