

Product datasheet for **SC331554**

RGH19 (ARHGAP19) (NM_001204300) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: RGH19 (ARHGAP19) (NM_001204300) Human Untagged Clone

Tag: Tag Free

Symbol: RGH19

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC331554 representing NM_001204300.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGACTGAGGCACAGAGTGAAGGGGAGGTGCCAGCCGCGAATCCGGCCGAGTGATGCCATCTGC
AGTTTTGTGATCTGCAATGATTCTTCCCTTCGAGGTGAGCCATTATCTTTAATCCTGACTTTTTGTG
GAGAACTCCGACATGAGAACTGAGATTTCACTGAGTTGGTGGTCAGCAATATCACAAAGGCTCATC
GATTTACCTGGAAGTGAAGTGGCTCAGCTGATGGGGGAAGTGGACCTTAAGTTGCCTGGCGGGGCTGGC
CCAGCATCAGGATTCTTCCGGTCTCTCATGTCTCTCAAGCGAAAGGAAAAAGGAGTGATATTTGGGTCC
CCACTGACGGAGGAAGGCATTGCCAGATATACCAACTGATTGAGTATCTACACAAAACTTGCAGTA
GAGGGTTTGTAGAGTACCGGTAATAGTGTCCGACAGCAGATTTAAGGGATGCTCTCAATAATGGA
ACTGACATTGACTTGAATCAGGGGAATTTCACTCAAATGATGTTGCCACTTTGCTGAAGATGTTCTA
GGAGAGTTGCCGAGCCTCTGCTGACACATAAACACTTCAATGCACACCTCAAAATCGCTGATTTGATG
CAGTTTGTGATAAAGGAAACAAGACCAATATACCAGACAAGGACCGGCAAAATTGAGGCTCTCCAGTTG
CTCTTCTCATTCTCCCTCCTCTAATCGTAATTTGCTGAAGTTATTGCTTGATCTCTATACCAGACA
GCAAAGAAACAAGACAAGAACAAGATGTCAGCCTATAACCTTGCCTTATGTTTGACCCCATGTCCTG
TGGCAAAAAATGCTCCTGCTTACATTCGGGAGTGTGCGAGATTGCACTATTTGGGATCCAGAAGTCTCAG
GCATCAAAGGATGACCTTGACCTCATAGCTTCATGTCATACTAAGTCCTTTCAGCTGGCAAAGTCTCAG
AAACGGAACCGGGTAGATTCTGCTCCCTCACCAGGAGGAGACCCAGCACCATACGGAAGAGGCACTGAGA
GAGCTGTTTCAACACGTTTCATGATATGCCAGAGTCAGCAAAGAAGAAACAACCTATTAGACAGTTTAAT
AAGCAATCATTGACCCAGACACAGGGCGAGAACCTTCTACTTCCAGGTACAAAAGAGGGCTCGTTTCG
CGCTCCTTCAGTGGGCTTATTAAGCGGAAGGTCCTGGGAAATCAGATGATGTCAGAAAAGAAAAAGAG
AACCTACTCCAGAATCTGTGGCCATTGGTGAATTGAAGGGAACCCAGCAAAGAAATAGGAACCTATTA
TTTTCTGGCTCTCCAGCTGTACGATGACACCAACAAGATTGAAGTGGTCTGAAGGAAGAAGAGGGG
AAAAAAGGATTTC
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Restriction Sites: SgfI-MluI

ACCN: NM_001204300

Insert Size: 1398 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_001204300.1</u>
RefSeq Size:	5408 bp
RefSeq ORF:	1398 bp
Locus ID:	84986
UniProt ID:	<u>Q14CB8</u>
Cytogenetics:	10q24.1
MW:	52.5 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 (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.