

Product datasheet for **SC313717**

RGH19 (ARHGAP19) (NM_032900) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGH19 (ARHGAP19) (NM_032900) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGH19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032900 edited

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TGAAGAAGTTTGTCTGACGAAGATGGCGACTGAGGCACAGAGTGAAGGGAGGTGCCAGC
CCGCGAATCCGGCCGAGTGATGCCATCTGCAGTTTTGTGATCTGCAATGATTCTTCCCT
TCGAGGTCAGCCATTATCTTTAATCCTGACTTTTTTGTGGAGAACTCCGACATGAGAA
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CGTAACCAAAAACACAGTTGATCCTCCGCAAAGGAAAGCTCTTTACCCAGAATGTCCTTC
CAGAGTCATTGAGGAAGGACAAGGGAACACCCTTGGGAAATGGGCT

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Restriction Sites: Please inquire

ACCN: NM_032900

Insert Size: 4500 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_032900.4.
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_032900.4, NP_116289.4</u>
RefSeq Size:	5478 bp
RefSeq ORF:	1485 bp
Locus ID:	84986
UniProt ID:	<u>Q14CB8</u>
Cytogenetics:	10q24.1
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 (1) represents the longest transcript and encodes the longest isoform (1).