

Product datasheet for SC312918

RGH19 (ARHGAP19) (AK093316) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGH19 (ARHGAP19) (AK093316) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGH19
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for AK093316, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGTTTCTAGGAGAGTTGCCGGAGCCTCTGCTGACACATAAACACTTCAATGCACACCTC AAAATCGCTGATTTGATGCAGTTTGATGATAAAGGAAACAAGACCAATATACCAGACAAG GACCGGCAAATTGAGGCTCTCCAGTTGCTCTTCCTCATTCTCCCTCCTCCTAATCGTAAT TTGCTGAAGTTATTGCTTGATCTCCTATACCAGACAGCAAAGAAACAAGACAAGAACAAG ATGTCAGCCTATAACCTTGCCCTTATGTTTGACCCACGTCCTGTGGCCAAAAAATGTC ACTGCAAATGACCTTCAGGAGAATATCAGAAAGTTAAACAGTGGGATGGCTTTTATGATT AAACACTCCCAGAACTTTTAAAGGCTCCTGCTTATATTCGGGAGTGTGCGAGATTGCAC TATTTGGGATCCAGAACTCAGGCATCAAAGGATGACCTTGACCTCATAGCTTCATGTCAT ACTAAGTCCTTTTCAAGTCTCAGAAACGGAACCGGGTAGATTCTGCCCTCAC CAGGAGGAGACCCAGCACCATACGGAAGAGGCACTGAGAGAGCTGTTCAACACGTTTCAT GATATGCCAGAGTCAGCAAAGAAGAAACAATTATTAGACAGTTTAATAAGCAATCATTG ACCCAGACACCAGGGCGAGAACCTTCTACTTCCCAGGTACAAAAGAGGGCTCGTTCGCGC TCCTTCAGTGGGCTTATTAAGCGGAAGGTCCTGGGAAATCAGATGATGTCAGAAAAGAAA AAGAAGAACCCTACTCCAGAATCTGTGGCCATTGGTGAATTGAAGGAACCAGCAAAGAA AATAGGAACCTATTATTTTCTGGCTCTCCAGCTGTCACGATGACACCAACAAGATTGAAG TGGTCTGAAGGGAAGAAAGAGGGGAAAAAAGGATTCTC </pre>
Restriction Sites:	Please inquire
ACCN:	AK093316
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:	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.


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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:	<u>AK093316.1</u> , <u>BAC04130.1</u>
RefSeq Size:	1901 bp
RefSeq ORF:	942 bp
Locus ID:	84986
Cytogenetics:	10q24.1
Domains:	RhoGAP
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]