

Product datasheet for **SC319861**

ARHGAP18 (NM_033515) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP18 (NM_033515) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP18
Synonyms:	bA307O14.2; MacGAP; SENEX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_033515.2
 GGGGCTGTGTGTCAGGATCGCAGAAAGTATGTCCTTCTCTCACCATGAGCTGGCTCTCC
 AGTTCCAGGGAGTGGTACTAACAGCCTACACCCAGCGGCAAGGACCAGGCCGTCGGG
 AACAGCCATGCAAAGGCAGGGGAGGAAGCCACCTCGAGTCGCAGATATGGCCAGTACACT
 ATGAACCAGGAAAGCACCACCATCAAAGTTATGGAGAAGCCTCCATTTGATCGATCAATT
 TCCCAGGATTCTTTGGATGAACATCTATGGAAGACTATTGGATAGAAGTAAAAACATC
 AAGAAATCTAGTAAAAACAGCCAAGAAGATCAAGAGGTGGTTGTTGTCAAAGAGCCTGAT
 GAGGGAGAATTGGAAGAAGAGTGGCTTAAAGAGGCCGTTTATCCAATCTCTTCGGAGAG
 TCTGCTGGAGATCCACAGGAAAGCATTGTGTTTTATCAACATTGACGCGACCCAGGCA
 GCAGCAGTTCAGAAGCGAGTAGAGACGGTCTCCAGACCTTGAGGAAAAAACAACAG
 TACCAGATTCTGACGTCAGAGACATATTTGCTCAACAGAGAGAATCAAAAGAAACAGCT
 CCAGGTGGCACTGAATCGCAGTCACTTAGAACAAATGAAAACAAATACCAAGGAAGAGAT
 GACGAGGCATCTAACCTTGTGGTGAAGAGAAGCTGATCCACCTGAGGAGACGCTGCC
 CCTGAAACAGACATCAACCTGGAGGTATCATTTGCCGAGCAAGCACTCAATCAGAAAGAG
 AGCTCCAAGGAGAAAATCCAGAAGAGCAAAGGCGATGATGCCACATTACCTAGTTTCAGA
 TTGCCAAAAGACAAAACGGGTACCACAAGGATTGGTGACCTCGCACCCAGGACATGAAG
 AAAGTTTGCCATTTAGCCCTAATTGAGCTGACTGCCCTCTATGATGTATTGGGTATTGAG
 CTGAAACAACAAAAGCTGTGAAAATCAAAACAAAAGATTCTGGTCTTTTTTGCCTTCCA
 TTGACAGCGCTATTAGAACAAGATCAGAGGAAAGTACCAGGAATGCGAATACCCTTGATC
 TTTCAAAACTGATTTCTCGAATTGAAGAGAGAGGTTTGAAACAGAAGGCCCTTTACGG
 ATCCCTGGAGCTGCCATTAGAATCAAGAATCTTTGCCAAGAACTAGAAGCAAAGTTTTAT
 GAAGGGACTTTTAATTGGGAAAGTGTCAAACAGCATGATGCCGCCAGCCTGCTGAAGCTC
 TTCATTGGGAGTTGCCCAGCCACTGCTCAGTGTGGAGTATCTCAAAGCCTTTCAGGCT
 GTCCAGAATCTTCCAACCAAGAAGCAGCAACTACAGGCTTTGAACCTTCTTGTCATCCTC
 CTACCTGATGCAACAGGACACACTGAAGGCCCTTCTGAATTTCTCAAAGAGTAATA
 GATAATAAAGAAAAAATAAAATGACAGTCATGAATGTAGCAATGGTCATGGCCCCGAAT
 CTCTTTATGTGTCATGCATTGGGATTGAAGTCCAGTGAACAGCGAGAATTTGTAATGGCA
 GCTGGGACAGCAAATACCATGCACTTATTGATTAAGTACCAAAACTTCTGTGGACAATT
 CCCAAGTTTATTGTAACCAAGTGAGGAAGCAAAACACGGAATAATCAAAAAGGATAAA
 AGAGCCATGAAGAAATTGCTGAAGAAAATGGCTTATGACCGAGAAAAATATGAAAAGCAA
 GATAAGAGTACAATGATGCTGACGTTCTCAGGGAGTGATTGAGTGCAAGCTCCCAT
 CTTTCGAAAGTTTCCATGGCAATACAGCTAACTGAAGAACTAAAAGCCAGTGATGTAATT
 GCCAGGTTTCTCAGCCAAGAAAGTGGGGTTGCCAGACTCTCAAGAAAGGAGAAGTTTTT
 TTGTATGAAATTGGAGGAAATATTGGGGAACGCTGCCTTGATGATGACACTTACATGAAG
 GATTTATATCAGCTTAACCCAAATGCTGAGTGGGTTATAAAGTCAAAGCCATTGTAGAAG
 ACTTAACAAGCTGCAGATAACCATGTGGACTTCTGTATAATTCTTGCTGAGTCAAGAGT
 GTAAATAAAGAAATGGCAGGACTCATACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_033515

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.

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_033515.2</u> , <u>NP_277050.2</u>
RefSeq Size:	3503 bp
RefSeq ORF:	1992 bp
Locus ID:	93663
UniProt ID:	<u>Q8N392</u>
Cytogenetics:	6q22.33
Domains:	RhoGAP
Gene Summary:	ARHGAP18 belongs to a family of Rho (see MIM 165390) GTPase-activating proteins that modulate cell signaling (Potkin et al., 2009 [PubMed 19065146]).[supplied by OMIM, Apr 2010]