

Product datasheet for **SC306560**

ARHGEF19 (NM_153213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGEF19 (NM_153213) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGEF19
Synonyms:	WGEF
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_153213, the custom clone sequence may differ by one or more nucleotides

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ATGGACTGTGGGCCACCTGCTACCCTCCAGCCCCACCTGACTGGGCCACCTGGCACTGCC
CACCACCCTGTAGCAGTGTGCCAGCAGGAGAGTCTGTCCCTTTGCAGAGCTGCCCGCCCTG
AAGCCCCGAGCCAGTGTGTCTGGACCTTTCCCTGTTGCCCCAGAGGAGCTTCGGGCT
CCTGGCAGCCGCTGGTCCCTGGGACCCCTGCCCTCTCCAAGGGTTGCTATGGCATTAA
TCCCCAGGAGGCTCAGATACAGAGATCACAGCGGGGGGATGCGGCCAGCAGGGCTGGC
AGCTGGCCACACTGTCTGGTGCCAGCCCCAGCTCTGGAGGGACCCTGGAGTCCCCGA
CACACACAGCCACAGCGCCGGGCGACCCAGGCTCGGAGAAGAAGTCTGCCTGGCGCAAG
ATGCGGGTGTACCAGCGTGAAGAGGTCCCCGGCTGCCCGAGGCCACGCTGTCTTCTTA
GAGCCTGGCCAGGTAGTCAAGAGCAGGCCCTGAGCACAGAGGAGCCAGGGTGGAGTTG
TCTGGGTCCACCCGAGTGAAGCTCAGAGGCTCTGAGCGGAGGCGCTTCTCGGCATCGGAG
CTGATGACCCGGTGCCTCTTCTGCGCTGGGGCGGAATTCAGCAGCCCGGGCACTC
ATCTCTGGGTGAGCACCAGGAGCAGCCCGGAAGGAAAGCATCTGGAATGGAGGCTCGA
AGTGTAGAGATGAGCGGGACCGGGTGTGCGGCCAGCCCTGGTACTCACGAGAGGGC
GATTGGTCCGAGCCAGGCTAGACACACAGGAAGAGCCGCTTTGGGGTCCAGGAGCACC
AACGAGCGGGCCAGTCTCGATTCTCCTTAACCTCCGTCCTCTATCAGGAATACAGCGAC
GTGGCCAGCGCCCGAACTGCGCGGCAGCAGCGCAGGAGGAGGGCCCGGGGACGAG
GCCGAGGGCGCAGAGGAGGGGCCGGGGCCCGCGGGCCAACTCTCCCCAGCAGCTCC
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GTACGCGGCAGCGGCTCTGGCCACGCTGAGCCTGCGGGACTGCAAGCTGCAGGAGGCC
AAGTTTGAGCTGATCACCTCCGAGGCTCCTACATCCACAGCCTGTCGGTGGCTGTGGGC
CACTTCTTAGGCTCTGCCGAGCTGAGCGAGTGTCTGGGGCGCAGGACAAGCAGTGGCTG
TTTTCAAAGTCCCGAGGTCAAGAGCACCAGCGAGAGGTTCTGCAGGACCTGGAGCAG
CGGCTGGAGGCAGATGTGCTGCGCTTTCAGCGTGTGCGACGTGGTGTGGACCACTGCCCG
GCCTTCCGAGAGTCTACCTGCCCTATGTACCAACCAGGCTACCAGGAGCGCACCTAC
CAGCGCTGCTCCTGGAGAACCAGGTTCCCTGGCATCCTGGCTCGCCTGGAGGAGTCT
CCTGTGTGCCAGCGTCTGCCCTTACCTCCTTCTTATCCTGCCCTTCCAGAGGATCACC
CGCCTCAAGATGTTGGTGGAGAATCCTGAAGCGGACAGCACAGGGCTCTGAAGACGAA
GACATGGCCACCAAGGCTTCAATGCGCTCAAGGAGCTGGTGCAGGAGTCAATGCTAGT
GTACAGTCCATGAAGAGGACAGAGGAACTCATCCACTGAGCAAGAAGATCCACTTTGAG
GGCAAGATTTTCCCGCTGATCTCTCAGGCCCGCTGGCTGGTTCGGCATGGAGAGTTGGTA
GAGCTGGCACCCTGCCTGCAGCACCCCTGCCAAGCTGAAGCTGTCCAGCAAGGCACTC
TACCTCCACCTCTTCAATGACTGCTTGCTGCTCTCTCGGCGGAAGGAGCTAGGGAAGTTT
GCCGTTTTTCGTCATGCCAAGATGGCTGAGCTGCAGGTGCGGGACCTGAGCCTGAAGCTG
CAGGGCATCCCCGGCCACGTGTTCTCCTCCAGCTCCTCCACGGGCGAGCATGAAGCAC
CAGTTCCTGCTGCGGGCCCGGACGGAAGTGAGAAGCAGCGATGGATCTCAGCCTTGTC
CCCTCCAGCCCCAGGAGACAAGGAGGTATCAGTGAGGGGGAAGATTGCCCCAGGTT
CAGTGTGTTAGGACATAACAAGGCACTGCACCCAGATGAGCTGACCTTGGAGAAGACTGAC
ATCCTGTAGTGAGGACCTGGACCAGTACGCGCTGGCTGGAAGGGTCCGCTGGCAGAT
GGTGAGAAGGGTGGGTGCCCGAGCCTATGTGGAAGAGATCAGCAGCCTCAGCGCCCGC
CTCCGAAACCTCCGGGAGAATAAGCGAGTCAAGTGCCACCAGCAAACCTGGGGAGGCT
CCTGTGTGA

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Restriction Sites: Please inquire

ACCN: NM_153213

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:	<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:	NM_153213.2 , NP_694945.2
RefSeq Size:	3045 bp
RefSeq ORF:	2409 bp
Locus ID:	128272
UniProt ID:	Q8IW93
Cytogenetics:	1p36.13
Gene Summary:	Guanine nucleotide exchange factors (GEFs) such as ARHGEF19 accelerate the GTPase activity of Rho GTPases (see RHOA, MIM 165390).[supplied by OMIM, Dec 2008]