

## Product datasheet for **SC318287**

### **ARHGAP17 (NM\_018054) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ARHGAP17 (NM_018054) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP17
Synonyms:	MST066; MST110; MSTP038; MSTP066; MSTP110; NADRIN; PP367; PP4534; RICH-1; RICH1; WBP15
Vector:	<u><a href="#">pCMV6 series</a></u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_018054, the custom clone sequence may differ by one or more nucleotides

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ATGAAGAAGCAGTTCAACCGCATGAAGCAGCTGGCTAACCAGACCGTGGGCAGAGCTGAG
AAAACAGAAGTCCTTAGTGAAGATCTATTACAGATTGAGAGACGCCTGGACACGGTGC GG
TCAATATGCCACCATTCCCATAAGCGCTTGGTGGCATGTTCCAGGGCCAGCATGGCACC
GATGCCGAGAGGAGACACAAAAAAGTGCCTCTGACAGCTCTTGTCAAATATGCAAGAA
GCATCGACTCAGCTGGAAGACTCTCCTGGGGAAGATGCTGGAGACGTGTGGAGATGCT
GAGAATCAGCTGGCTCTCGAGCTCTCCAGCACGAAGTCTTTGTTGAGAAGGAGATCGTG
GACCTCTGTACGGCATAGCTGAGGTGGAGATTCCCAACATCCAGAAGCAGAGGAAGCAG
CTTGCAAGATTGGTGTAGACTGGGATTGAGTCAAGAGCCAGGTGGAACCAAGCTCACAAA
TCCTCAGGAACCAACTTTCAGGGGCTTCCATCAAAAATAGATACTCTAAAGGAAGAGATG
GATGAAGCTGGAATAAAGTAGAACAGTGAAGGATCAACTTGCAGCAGACATGTACAAC
TTTATGGCCAAAGAAGGGGAGTATGGCAAATCTTTGTTACGTTATTAGAAGCCCAAGCA
GATTACCATAGAAAAGCATTAGCAGTCTTAGAAAAGACCCTCCCCGAAATGCGAGCCCAT
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AGCGGGCCGCGAGATTGCGCTGCCATTGAAGCCTGTGTCATGCTGCTTCTGGAGACAGGC
ATGAAGGAGGAGGGCCTTTCCGAATTGGGGCTGGGGCCTCCAAGTTAAAGAAGCTGAAA
GCTGCTTTGGACTGTTCTACTTCTCACCTGGATGAGTTCTATTAGACCCCCATGCTGTA
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TATGAAGAATGGACACAAGTTGCAAGTGTGAGGATCAAGACAAAAAAGTCAAGACTTG
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TTCCTTGCAAAGCTTGTCTCAGACCAGCGATGTAATAAAATGACTCCCAGCAACATTGCC
ATTGTGTTAGGCCCTAAGTTGTTATGGGCCAGAAATGAAGGAACACTTGTGAAATGGCA
GCAGCCACATCCGTCATGTGGTTGCAGTGATTGAACCCATCATTAGCATGCCGACTGG
TCTTCCCTGAAGAGGTGGAATTTAATGTATCAGAAGCATTGTTACCTCTCACCACCCCG
AGTTCTAATCACTCATTCCACACTGGAACGACTCTGACTCGGGGACCCTGGAGAGGAAG
CGGCTGCTAGCATGGCGGTGATGGAAGGAGACTTGGTGAAGAAGGAAAGTCTCCCAAA
CCGAAGGACCCTGTATCTGCAGCTGTGCCAGCACCAGGGAGAAACAACAGTCAGATAGCA
TCTGGCCAAAATCAGCCCCAGGCAGCTGCTGGCTCCCACCAGCTCTCCATGGGCCAACCT
CACAATGCTGCAGGGCCAGCCGCATACACTGCGCCGAGCTGTTAAAAAACCCGCTCCA
GCACCCCGAAACCGGGCAACCCACCTCCTGGCCACCCCGGGGGCCAGAGTTCTTCAGGA
ACATCTCAGCATCCACCCAGTCTGTACCAAAGCCACCCACCCGAAGCCCTCTCCTCCC
ACCCAGCACACGGGCCAGCCTCCAGGCCAGCCCTCCGCCCCCTCCAGCTCTCAGACCC
CGGAGGTACTCCAGCAGCTTGTCTCCAATCCAAGCTCCAATCACCCACCGCCGAGCCC
CCTACGCAGGCCACGCCACTGATGCACACCAAACCCAATAGCCAGGGCCCTCCCAACCC
ATGGCATTGCCAGTGAGCATGGACTTGAGCAGCCATCTCACACCCTCCCAGACTCCA
ACGCCCCCAGTACTCCGCCCTAGGAAAACAGAACCCAGTCTGCCAGCTCCTCAGACC
CCAGTACCAAAGCCAAGGAACCGGCCAGCGTGCCCCACCCCAACCTCCTGGTGTGTC
CACTCAGCTGGGACAGCAGCCTACCAAACACAGCACCACAGCTTCCAAGATAGTAACA
GACTCCAATTCCAGGTTTCAGAACCGCATCGCAGCATTTTCTGAAATGCACTCAGAC
TCAGCCAGCAAAGACGTGCCTGGCCGCATCCTGCTGGATATAGACAATGATACCGAGAGC
ACTGCCCTG

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**Restriction Sites:** Please inquire

**ACCN:** NM\_018054

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018054.4</a> , <a href="#">NP_060524.4</a>
<b>RefSeq Size:</b>	3246 bp
<b>RefSeq ORF:</b>	2412 bp
<b>Locus ID:</b>	55114
<b>UniProt ID:</b>	<a href="#">Q68EM7</a>
<b>Cytogenetics:</b>	16p12.1
<b>Domains:</b>	RhoGAP, BAR
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>RICH1 is a GTPase-activating protein (GAP). GAPs stimulate the intrinsic GTP hydrolysis of small G proteins, such as RHOA (MIM 165390), RAC1 (MIM 602048), and CDC42 (MIM 116952). [supplied by OMIM, Apr 2004]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.</p>