

## Product datasheet for **SC306956**

### ARHGAP27 (NM\_174919) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP27 (NM_174919) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP27
Synonyms:	CAMGAP1; PP905; SH3D20; SH3P20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306956 representing NM_174919. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGGACGTGGTGGGGGACGTGTACGTGCTGGTGGAGCACCCCTTCGAGTACACCGGCAAGGAC
GGGCGCCGCGTGGCCATCCGGCCGAATGAGCGCTACCGGCTGCTGCGGCGCAGCACCGAGCACTGGTGG
CACGTGCGGCGTGAGCCCGGGCGGCCCTTCTACCTGCCTGCGCAGTACGTGCGCGAGCTGCCCGCG
CTGGGCAACCCTGCCGCCCGCGCCGAGTCCCCACCGAGCCCCGGGCCCTGAGCCGCTCGCC
TACGACTACCGGTTTGTGAGCGGCGGCGACCGGGCCCCGACGGCGCCCCGAGGAGTCCGGAGGC
CGAGCCAGCTCCCTGTGCGGCCCTGCGCAACGCGGCGCCGCGACCCAGCGCAGCAGCCTGGCGCCCGGC
CTGCCAGCTGCCTGTACCTGCGGCCCGCGGCGCCGTGCGGCCCGCGCAGTCCCTGAACGACCTGGCC
TGCGCCGCGTCTCGCCTCCCGCCGCGCCTCCTAGGAAGCAGCGGCGAGTTCAAGGCTGCAGCGTGGCG
GGCTCCTGGGTGTGCCGCGGCCTCTGGCGCGCAGCGACTCAGAGAACGTCTACGAGGTATCCAGGAC
TTGACAGTCCCAGCGCGGAGGAGAGCGCAGAGCAGGTACCTCCCCGGGCGCTGGGGCGCGGAGGCGGG
TGGCGCGCTAGGGACCGCGCCCGCAGGAGCCGGGGCGCAAGGAGACCCGCTCCGCTCAGCGTCGGGCA
CGACGCCACCTCTGTCCGAAGACTTCGGATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_174919
Insert Size:	792 bp



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<b>OTI Disclaimer:</b>	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>	<u><a href="#">NM_174919.3</a></u>
<b>RefSeq Size:</b>	1394 bp
<b>RefSeq ORF:</b>	792 bp
<b>Locus ID:</b>	201176
<b>UniProt ID:</b>	<u><a href="#">Q6ZUM4</a></u>
<b>Cytogenetics:</b>	17q21.31
<b>MW:</b>	28.2 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may play a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (3) is a short variant at the 5' end of a much longer ARHGAP27 gene, and differs in the UTRs and CDS compared to variant 4. The encoded isoform (c) is shorter than isoform d. CCDS Note: This CCDS represents a short variant at the 5' end of a much longer ARHGAP27 gene. The protein includes an SH3 domain.</p>