

Product datasheet for **SC336665**

ARHGAP36 (NM_001282607) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP36 (NM_001282607) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336665 representing NM_001282607.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTGGATACTGGACTGCCTTTTCGCTCGGCTTTGAGCCCCGCCCCCGCGTGTGAGTGTCTTG
GGAGGAGCCCCAGGACACAACCCGACCGCAGGACGAAGATGGTATCGATACACAGCCTCTCTGAGCTG
GAGCGTCTGAAGCTGCAAGAGACTGCTTACCACGAACCTGGCCAGACATTTCTCTCCGAATTCAAA
CCTGACAGAGCTCTGCCTATTGACCGTCCGAACACCTTGGATAAGTGGTTTCTGATTTTGAAGGACAG
CAGAGGGCTGTATCACACAAGACATTTGGCATTAGCCTGGAAGAGGTCTGGTGAACGAGTTTACCCGC
CGCAAGCATCTTGAAGTACAGCCACGATGCAGGTTGAAGAAGCCACCGTCAAGGCTGCGGGCCGTCGT
CGGGGAAACGTGGTGCAGAGGTGTTGGCCGCATCCGGCGCTTTTTCAGTCGCAGGCGGAATGAGCCC
ACCTTGCCCCGGGAGTTCACTCGCCGTGGGCGTCGAGGTGCAGTGTCTGTGGATAGTCTGGCTGAGCTG
GAAGACGGAGCCCTGCTGCTGCAGACCTGCAGCTTTCAAAAATTTCTTTCCAATTGGCCAACGACTT
CTGGGATCAAAAAGGAAGATGAGTCTCAATCCGATTGCGAAACAAATCCCCAGGTTGTTGAGGCTTGC
TGCAATTCATTGAAAAACATGGCTTAAGCGCAGTGGGGATTTTACCCTTGAATACTCCGTGCAGCGA
GTGCGTCAGCTCCGTGAAGAATTTGATCAAGGTCTGGATGTAGTGTGGATGACAATCAGAATGTGCAT
GATGTGGCTGCACTCCTCAAGGAGTTTTCCGTGACATGAAGGATTCTCTGCTGCCAGATGATCTGTAC
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TGCGAGGACTCAATTGGCATTGATGGACAGTTGGTCCCAGGCAACCGTATGACTTCCACTAATTGGCC
TTGGTGTGGATCTGCTCTCTGAAAAAGGAAAGTTTGGCAAGAGAGAGTCCAGGAAAAACAAAGCTG
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TTTATCAGACGCAGGAATTGAGGAAGATCCAGAGTGCACGCATAAAGATGGAAGAGGATGCACTACTT
TCTGATCCAGTGGAACCTCTGCTGAAGCCCGGCTGCTGCTCTTCTGCTCAAGCAAGCCTTCTGATGAA
GGTTCTCTGAGGAGCCAGCTGTGCTTCCGGCACTGCCGTTCCCATGACGATGAGGAAGGAGCGGGT
AACCTCCCATTCGGAGCAAGACCGCCATTGCTCCGTGTGCCCGGGAGAAGGAGGCCAAAATGGC
GTCAGCTACTTCTTCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282607

Insert Size: 1608 bp

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).

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_001282607.1</u>
RefSeq Size:	2869 bp
RefSeq ORF:	1608 bp
Locus ID:	158763
UniProt ID:	<u>Q6ZRI8</u>
Cytogenetics:	Xq26.1
Protein Families:	Transmembrane
MW:	60.6 kDa
Gene Summary:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate splice site in the 5' coding region whihc results in the use of an alternate start codon compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.