

Product datasheet for **SC303736**

ARHGAP6 (NM_006125) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP6 (NM_006125) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP6
Synonyms:	RHOGAP6; RHOGAPX-1
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006125, the custom clone sequence may differ by one or more nucleotides

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ATGTCCGCGCAGAGCCTGCTCCACAGCGTCTTCTCCTGTTCTCGCCCGCTTCAAGTAGC
GCGGCCTCGGCCAAGGGCTTCTCCAAGAGGAAGCTGCGCCAGACCCGACGCTGGACCCG
GCCCTGATCGGCGGCTGCGGGAGCGACGAGGCGGGCGCGGAGGGCAGTGC GCGGGGAGCC
ACGGCGGGCCGCCTCTACTCCCCATCACTCCCAGCCGAGAGTCTCGGCCCTCGCTTGGCG
TCCTCTTCCCGGGGTCCGCCCCACAGGGCCACCAGGCTACCGCCTCCTGGACCTTTTGC
TGGTCCTTCTCCACACCCAGCACCCCGCAGGAGAAGTCACCATCCGGCAGCTTTCACTTT
GACTATGAGGTTCCCTGGGTGCGGCGGCCTCAAGAAGAGCATGGCTGGGACCTGCTT
TCTGCTCTGGCCGGGCCAGCCAGTAGCCGAAGCGCTTCCAGCATCCTCTGTTTATCCGGG
GGAGGCCCAATGGCATCTTCGTTCTCCTAGGAGGTGGCTCCAGCAGAGGAAGTTCCAG
TCCCCACCCGACAGTGC GGGCACCCCTACGTCGTGTGAAAATCCGAGGGTGATTTACC
TGGAACAGCATGTCAGGCCGAGTGTACGGCTGAGGTGAGTCCCATCCAGAGTCTCTCA
GAGCTGGAGAGGGCCCGCTGCAGGAAGTGGCTTTTTATCAGTTGCAACAGGACTGTGAC
CTGAGCTGTCAGATCACCATTCCAAAGATGGACAAAAGAGAAAAGAAATCTTTAAGAAA
AAACTGGATTA TAGGAAAGGAGAAAAACAAAGACAAAGAAATTCATCCACAGGCAATTT
GGAATGCCCTTATCCCAAGTCATTGCGAATGACAGGGCCTATAAACTCAAGCAGGACTTG
CAGAGGGACGAGCAGAAAAGATGCATCTGACTTTGTGGCTTCCCTCCTCCATTTGAAAAT
AAAAGACAAAACAAGAACTCTCAAGCAGTAAGTCACTCTCAGCTCAACCTCAGAAAACA
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TTACAACCTTTCCTTGCCTGCTGAGGCTCAAAGTAAAAAGGAAAAAGCCAGAGATAAGAAA
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CTAGAAAAACATGGCCTCCAGACAGTGGGGATATTCAGAGTTGGAAGCTCAAAAAAGAGA
GTGAGACAATTACGTGAGGAATTTGACCGTGGGATTGATGTCTCTGAGGAGGAGCAC
AGTGTTTATGATGTGGCAGCCTTCTGAAAAGAGTTCTGAGGGACATGCCAGACCCCTT
CTCACCAGGGAGCTGTACACAGCTTTCATCAACACTCTCTTGTGGAGCCGGAGGAACAG
CTGGGCACCTTGACGCTCCTCATATACCTTCTACCTCCCTGCAACTGCGACACCTCCAC
CGCCTGTACAGTTCCTCTCCATCGTGGCCAGGCATGCCGATGACAACATCAGCAAAGAT
GGGCAAGAGGTCACTGGGAATAAAATGACATCTCTAACTTAGCCACCATATTTGGACCC
AACCTGCTGCACAAGCAGAAGTCATCAGACAAAGAATTCTCAGTTCAGAGTTCAGCCCGG
GCTGAGGAGAGCACGGCCATCATCGCTGTTGTGCAAAAAGATGATTGAAAATATGAAGCC
CTGTTTATGGTTCCCCAGATCTCCAGAACGAAGTGTGATCAGCCTGTTAGAGACCGAT
CCTGATGTCGTGGACTATTTACTCAGAAGAAAGGCTTCCCAATCATCAAGCCCTGACATG
CTGCAGTCGGAAGTTTCTTTTCCGTGGGAGGGAGGCATTCATCTACAGACTCCAACAAG
GCCTCCAGCGGAGACATCTCCCTTATGACAACAACCTCCCAGTGTCTGTGAGCGCTCC
CTGCTGGCTATGCAAGAGGACGCGGCCCCCGGGGGCTCGGAGAAGCTTTACAGAGTGCCA
GGGCAGTTTATGCTGGTGGGCCACTTGTGTCGTCAAAGTCAAGGAAAAGTTCTCCTGGA
CCAAGGCTTGGGAAAGGTAAGTGGAGCCTGGCCAGCAGGCGCTGGCCAAAACAAGCGACC
CTCCTCTTGTGTCATGTGGCATGGTGTGGGCTTTCGGACCTTCTTCTGCTCTCCCT
TATTTGATGTTTCTGTAA

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Restriction Sites: Please inquire

ACCN: NM_006125

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_006125.1 , NP_006116.1
RefSeq Size:	3633 bp
RefSeq ORF:	2298 bp
Locus ID:	395
UniProt ID:	O43182
Cytogenetics:	Xp22.2
Gene Summary:	<p>This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) lacks the last two exons but has an alternate 3' segment at the 3' end, as compared to variant 1. The encoded isoform 3 has a distinct and shorter C-terminus, as compared to isoform 1.</p>