OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC332996

ARHGAP12 (NM_001270697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP12 (NM_001270697) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP12
Vector:	pCMV6-Entry (PS100001)

View online »

Fully Sequenced ORF:

>SC332996 representing NM_001270697.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAAATGGCTGACAGAAGTGGGAAGATTATTCCAGGACAAGTGTATATTGAGGTGGAATATGATTAT
GAATATGAAGCAAAGGACAGAAAGATTGTGATAAAACAAGGGGAGAGGTACATCTTGGTGAAAAAGACC
AATGATGACTGGTGGCAAGTCAAGCCAGATGAAAACTCCAAAGCGTTTTATGTGCCAGCCCAGTATGTG
AAGGAGGTCACGCGCAAAGCTCTCATGCCACCTGTTAAGCAGGTAGCTGGTCTGCCAAATAACTCCACG
AAAATAATGCAGAGTTTGCATCTTCAGAGATCAACAGAAAATGTGAACAAATTGCCTGAGCTTTCAAGT
TTCGGAAAGCCATCGTCATCTGTTCAAGGAACAGGTCTTATTCGTGATGCCAATCAGAATTTTGGACCC
AGTTATAATCAAGGTCAGACTGTCAACCTAAGCCTGGACCTGACCCATAATAACGGAAAGTTTAACAAT
GACTCACATTCTCCTAAAGTTTCCAGCCAGAATAGGACACGCTCATTTGGTCATTTTCCCGGTCCAGAG
TTCTTGGATGTAGAGAAAACTAGCTTCTCCCAGGAACAATCTTGTGATTCCGCAGGAGAAGGCTCTGAA
AGAATACATCAAGATTCTGAATCTGGTGATGAACTTAGCAGCAGCTCCACTGAACAGATAAGGGCAACC
ACACCTCCAAATCAAGGAAGGCCAGATTCTCCTGTCTATGCTAACCTTCAAGAACTGAAAATATCCCAG
TCTGCTCTTCCCCCACTTCCTGGGAGCCCGGCAATTCAGATTAATGGAGAATGGGAAACTCATAAAGAC
AGCTCAGGGCGTTGCTATTACTATAACAGAGGGACACAGGAAAGAACTTGGAAACCTCCTCGTTGGACT
CGGGATGCAAGCATCAGCAAAGGAGATTTCCAAAATCCAGGGGATCAAGAGTGGCTCAAGCATGTTGAT
GATCAAGGTAGACAATATTACTACAGTGCAGACGGATCTCGGTCAGAATGGGAATTGCCAAAGTATAAT
GCTTCATCCCAGCAGCAAAGAGAAATAATTAAAAGTAGGAGCCTGGACAGGCGGCTGCAAGAACCAATA
GTATTAACAAAGTGGAGACATAGCACCATTGTATTGGACACTAATGATAAGGAATCTCCAACTGCCTCA
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AAGGATCAAGAGAAATATGGATTATTAAATGTAACAAAAATTGCTGAAAATGGGAAAAAGGTTCGAAAG
AACTGGTTGTCTTCTTGGGCGGTGTTGCAGGGTTCATCTTTACTTTTTACCAAAACTCAAGGAAGTAGC
ACAAGTTGGTTTGGCAGTAATCAGTCCAAACCAGAGTTCACAGTGGACCTCAAGGGGGCAACAATTGAG
ATGGCTTCAAAGGATAAATCCAGCAAAAAGAATGTATTTGAGCTGAAAACTCGTCAAGGAACAGAACTG
CTAATTCAGTCTGACAATGACACTGTTATTAATGATTGGTTTAAAGTTCTTAGTAGTACAATCAATAAT
CAGGCAGTAGAAACTGATGAAGGAATTGAAGAGGAGATACCGGATTCACCAGGAATAGAAAAGCATGAT
AAAGAAAAGGAACAAAAGGATCCCAAAAAGCTTCGTTCCTTTAAAGTATCTAGCATAGATTCTTCAGAA
CAGAAAAAAACCAAGAAAAACTTAAAGAAGTTTCTTACACGACGCCCCACTTTGCAAGCTGTTCGTGAA
AAAGGTTATATTAAAGATCAGGTATTTGGATCCAATCTCGCTAATCTGTGTCAGAGAGAGAATGGCACA
GTACCAAAGTTTGTGAAGTTATGTATTGAACATGTTGAAGAACATGGTTTGGATATTGATGGGATATAC
AGAGTAAGTGGCAACCTCGCAGTGATCCAGAAACTAAGGTTTGCAGTCAATCATGATGAGAAATTGGAC
TTGAATGACAGTAAATGGGAAGATATTCATGTCATTACTGGAGCCCTCAAAATGTTTTTTCGAGAATTA
CCAGAACCTCTTTTTACATTTAATCATTTTAATGATTTTGTTAATGCAATTAAGCAAGAACCAAGACAG
CGAGTCGCTGCTGTTAAGGACCTAATCAGACAGTTGCCAAAGCCAAACCAAGACACAATGCAGATTCTT
TTCCGACATCTCAGAAGAGTTATAGAAAATGGAGAGAAAAATCGAATGACCTATCAGAGTATAGCAATT
GTTTTTGGTCCCACTCTATTAAAACCAGAAAAAGAGACTGGTAATATAGCAGTTCATACTGTGTACCAG
AATCAGATTGTAGAATTAATTCTTCTGGAACTGAGTTCCATCTTCGGACGTTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001270697

Insert Size: 2400 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:	NM_001270697.1
RefSeq Size:	4964 bp
RefSeq ORF:	2400 bp
Locus ID:	94134
UniProt ID:	Q8IWW6
Cytogenetics:	10p11.22
MW:	90.9 kDa
Gene Summary:	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may be involved in suppressing tumor formation by regulating cell invasion and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012] Transcript Variant: This variant (4) lacks an alternate in-frame exon in the coding region, compared to variant 1. The encoded isoform (4) is shorter than isoform 1.