

Product datasheet for **SC332995**

ARHGAP12 (NM_001270696) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGAP12 (NM_001270696) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP12
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332995 representing NM_001270696.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAAATGGCTGACAGAAGTGGGAAGATTATTCCAGGACAAGTGTATATTGAGGTGGAATATGATTAT
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ATTCTTCTGGAAGTCCATCTTCGGACGT TGA
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001270696
- Insert Size:** 2451 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_001270696.1](#)

RefSeq Size: 5015 bp

RefSeq ORF: 2451 bp

Locus ID: 94134

UniProt ID: [Q8IWW6](#)

Cytogenetics: 10p11.22

MW: 93.1 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 (3, also known as ARHGAP12a) lacks two alternate in-frame exons in the coding region, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.