

Product datasheet for **SC332994**

ARHGAP12 (NM_001270695) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ARHGAP12 (NM_001270695) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ARHGAP12 |
| Vector: | pCMV6-Entry (PS100001) |



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Fully Sequenced ORF: >SC332994 representing NM_001270695.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAAATGGCTGACAGAAGTGGGAAGATTATTCCAGGACAAGTGTATATTGAGGTGGAATATGATTAT
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GAATTAATCTTCTGAACTGAGTTCATCTTCGGACGT TGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001270695

Insert Size: 2526 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).

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| 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_001270695.1 |
| RefSeq Size: | 5090 bp |
| RefSeq ORF: | 2526 bp |
| Locus ID: | 94134 |
| UniProt ID: | Q8IWW6 |
| Cytogenetics: | 10p11.22 |
| MW: | 95.8 kDa |
| Gene Summary: | <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 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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p> |