

## Product datasheet for **RN213766**

### Arhgap15 (NM\_001013917) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap15 (NM_001013917) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213766 representing NM\_001013917  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGAAAAGGACAAGCTGCAGTGTGCAGACATCTACGAACTGTGACAACCTTTGGAAACACTGAATT  
 CTGCCACCAAGCTACAGGCGCTGTGCAATGAGAATCAAAAATGCCAACAGCCACCCAGACAGGCAGAG  
 CCAAACCTAAATCCATGATCCTCACCGACCTGGGAAGGTCAGTGAACCTATTTCCCGGCACAGAAGGAAT  
 CATTACAGCATGTGCTGAAAGATGTCATTCCACCACTAGAACATCCAATGGTCGAAAAAGAAGGTATC  
 TTCAAAAAGCCAAAATTGCAGATGGAGGAAAGAACTAAGGAAAACTGGTCTACTTCTGGATTGTTCT  
 CTCTGGCCGAAAACCTGAATTTTACAAAGACCCCAAGCAGCAAGCTCTCCCTAACGTGAAACCCAGGCCA  
 AATGCAGAAAGCGTGGATTTGTGTGGAGCACACATAGAATGGGCGGCCAAAGACAATCAAGCAAAAAGA  
 GTGTCTTTCAGATCACACAGCATCAGGAAATGAGTTCCTTCTCCAGTCAGATATTGACTTCCTCATATT  
 GGATTGGTTCCATGCTATCAAAAATGCAATTGACAGATTGCCAAAGAATCCAAGTTTCGGATCCCTGGAG  
 TTGTTTCAGTTCCAGAGATCTTCAAGCTCTGAACAGCCGAGTCATTGCCACATCGATAGAAAAGAACAGA  
 AACCAGAAAACAGGAAGTCTTTCATGTTTCAGACTGCACCACAGCGTTTCGGATACAAGTGACAAGAACC  
 CGTGAAGAGCAGACTGAAGAAGTTCATCTCCCAGACCTTCTCTGAAAACCTTTCGCAAGAAAAGGGAATC  
 ATTAAGATCAAATTTTGGCTCTCATCTGCACACAGTGTGTGAACGAGAACATTCCACAGTTCATGGT  
 TTGTAAGCAATGCATTGAAGCTGTTGAAAAAGAGGCCCTAGAAGTTGATGGAATTTATCGAGTCAGTGG  
 CAATCTTGCAACAATCCAGAAGTTAAGGTTTATCGTCAACCAAGAAGAGAAGTGAATTTGGATGACAGC  
 CAGTGGGAGGACATCCACGTCGTCACCGGAGCACTGAAGATGTTTTCCGGGAGCTGTCTGAGCCGCTCT  
 TCCCTTACAGTTTCTTTGAGCGGTTTGTGGAGGCGATCAAAAAACAAGACAGTGATGCAAAAATTTGAAAC  
 TATGAAGTCTCTGGTAAAAAGTCTCCCTCCACCAATCATGACACCATGAAAATCCTCTTCGGACATCTA  
 ACCAAGATAGTGGCCAAAGCTGCCCAGAATCTCATGTCCACACAAAGCTTGGGGATTGTATTTGGACCCA  
 CCCTTCTGCGAGCAGAAAATGAGTCGGGGAACGTGGCTGTACACATGGTATACAAAACCAGGTAGCCGA  
 GTTCATGCTGACTGAGTATGACAAGATCTTCAGCTCAGAGGAAGACTGA

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001013917
- Insert Size:** 1449 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_001013917.1, NP_001013939.1</u>
RefSeq Size:	1690 bp
RefSeq ORF:	1449 bp
Locus ID:	295635
UniProt ID:	<u>Q6AYC5</u>
Cytogenetics:	3q12
Gene Summary:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has activity toward RAC1. Overexpression results in an increase in actin stress fibers and cell contraction (By similarity).[UniProtKB/Swiss-Prot Function]