

## Product datasheet for **RN206863**

### Arhgap10 (NM\_001109501) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap10 (NM_001109501) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206863 representing NM\_001109501  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGGCTGCAGCCCTGGAGTTCAGCGATTGCTACCTCGACAGCCCGTGGTTCGGGAGAGGATCCGCG  
 CTCACGAAGCGGAGCTCGAGAGGACCAACAAGTTCATCAAAGAGCTCATCAAAGACGGCAAGAACCTTAT  
 CGCTGCCACAAAAGTCTGTCTAGCTGCCAGCGGAAGTTTGTCTACTCTCTCAGAGACTTCAAGTTTGAG  
 TTTATCGGGGATGCTGAGACTGATGATGAACGGTGCATAGATGCCTCCTTACGGGAATTTCTAACTTTC  
 TGAAGAATCTGGAAGAACAGAGAGAAATCATGGCATTAAAGTGTGACTGAAACCCTGATTAAGCCCTTGGGA  
 GAAATTCAGAAAAGAGCAACTTGGAGCTGTAAAGGAAGAAAAAAGAAGTTTGACAAAGAGACGGAAAGG  
 AATTACAGTCTAATCGATAAGCACTTGACCCTGTCTGCCAGGAAGAAGGACACGCACTTGCAGGAGGCTG  
 ACCTCAAAGTGGAAACAGAACCGGCAGCATTCTACGAGCTCTCTTGAATACGTGTGAAGCTCCAGGA  
 AATCCAGGAAAGGAAGAAGTTCGAGTTCGTGGAGCCGATGCTGTCTTTTTTCAGGGAATGTTCACTTTC  
 TATCATCAAGGTACGAGCTTCCAAAGACTTCAACCACTACAAGACAGAACTACAGATCAACATTCAGA  
 ATACACGGAATCGATTTGAGGGAACAGGTCCGGAAGTGGAGGAACCTTATGAATAAAATTAGACAAAACCC  
 CAAGGACCAGAAGCGAGCCAGCCAGTTCACAGCAGAAGGGTACCTGTACGTCCAGGAAAAAGACCTGCT  
 CCATTTGGGTCCAGTTGGGTCAAACACTACTGCATGTACCGGAAAAACAGCCAAGAAATTCACATGATTC  
 CCTTTGAGCACAGATCTGGGGGAAACTGGGGGATGGAGAGGCGTTCTTTTTGAAAGAATGCACCAAAAAG  
 GCATATTGACTCCACTGACAGAAGGTTTTGCTTTGACATCGAAGCCGCCGACAGGCTGGCGTCCCTTG  
 ACCGTGCAGGCGTTTTTCAAGAGGAAAGGAAGCAGTGGTTGGAAGCTCTGGGTGGAAGAAGCCTTTGT  
 TCCACACTTTTAAATAGAGCCATCGTCCAAAGACCAGAAGGAGTGCACAGTTGGATAAGATGGGATTAC  
 AATTCAGAAAAGTGCATCAGTCTGTTGAGACACGAGGTATAAATGACCAAGGACTGTACAGAGTTGTG  
 GGGGTGAGTTCAAAGTCCAGAGACTTCTGAGTATGTTGATGGATGTA AAAACGTGCAATGAGCTGGACC  
 TGGAGAATTCACAGATTGGGAGGTGAAGACAGTAACAAGTGCCTTGAAGCAGTATCTGAGGAGTCTTCC  
 AGAGCCTCTCATGACCTATGAGTTACATAGAGACTTCATTGTTCCGGCCAAAAGTGGCAGCCAGAAATCC  
 CGTGTGAGTCCATCCACTTCTTGGTACACAACTGCCAGAGAAGAATAAGGAGATGCTGGATATCTTGG  
 TGAAGCACCTAACCAATGTGTCAAGTCACTCGAAGCAGAACTAATGACAGTGGCGAATTTAGGAGTGGT  
 ATTTGGACCCACTCTGATGAGACCACAGGAAGAGACTGTTGCGGCCATTATGGACTTGAAGTTTCAAAT  
 ATCGTCGTAGAAATCTTAATCGAAAACCACGAAAAGATTTTTCGGACCTCGCCTGATACCAATTTGCTG  
 AGCCACATGCCTGTGAGCGTACCCCCAACGCTCCACCACGACAGTCCAAGAGACAAGGGCAGAGGAC  
 GAAGAGACCAGTGGCTGTGTACAACCTTTGCTTGAAGTGGAGGAGGGTATAGTCCCAGCCCTCTCAAG  
 GAGGATCCCCCAGCAGCAGTCAAGGATTCACTGTCCACTCCGTCTCTTACAACCTCAGCTGCCCATGGGC  
 CTCCGGGACCAGACGGAACACCTTGCAGCAGACAGAGGGAAGTGTGGAGACGCCACTGCCACTACGCC  
 AAGCCAGACCCGGCCATCCATGGTGCAGTGGCTGAATATGCAGTCTCCACCACACCAAGCTCCAACCCA  
 GCTGGGACACCTCCTTCAACCAGGATGTACCATTCCCCTCTCTCTGCTGCCTCATTGTAGACAAGC  
 TGCTTGAATGCCTTATCAACCGAAGGCCCGTGCAGTGTACCCGTGTGAGGCAGAGCATAGCTCGGAATT  
 GTCATTTGAAATAGGAGCCATTTTTGAGGATGTTCAAGCTCAAGGGAACCCGGATGGCTGGAAGGGACC  
 CTGAACGGCAAGCGAGGGCTGATTCACAGAATTACGTCAAGCTACTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001109501  
**Insert Size:** 2361 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001109501.1</a></u> , <u><a href="#">NP_001102971.1</a></u>
<b>RefSeq Size:</b>	2618 bp
<b>RefSeq ORF:</b>	2361 bp
<b>Locus ID:</b>	688429
<b>Cytogenetics:</b>	19q11