

Product datasheet for **RN210487**

Arhgap1 (NM_001107747) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arhgap1 (NM_001107747) Rat Untagged Clone
Tag: Tag Free
Symbol: Arhgap1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210487 representing NM_001107747
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCTCTCTCAGAAGTGAAGATGACCTGACCTGGATGATACCAGCCAAGCCTGAACCAGTTGA
 AGCTGGCCTCTATTGATGAGAAGAACTGGCCTTCTGATGAAATGCCAGACTTTCCCAAGTCAGATGACTC
 CAAAAGCAGCTCTCCAGAAGCTGTACACACCTGAAGTGGGATGACCTTACTACGACATTGCCAGGCAC
 CAGATTGTGGAAGTGGCAGGTGATGATAAGTACGGCGGAAGATAATTGTATTTAGTGCTTGCCGGATGC
 CCCCCAGCCACCAGCTGGACCACAGCAAGCTCTTGGGGTACTTAAAACACACACTGGACCAGTATGTGGA
 AAGTGACTACACACTCCTGTACCTGCACCATGGCCTGACCAAGTGAACAAGCCCTCCCTCAGCTGGCTA
 CGGGATGCCTACCGAGAGTTTGACCGCAAGTACAAGAAGAACAATCAAGGCTCTGTACATTGTGCCACCAA
 CCATGTTTCATCAAACTCTGCTTATCCTCTTAAAGCCCTCATCAGTTTCAAGTTTGACGGAAGATCTT
 CTATGTGAATTACCTGAGTGAGTTAAGCGAGCACGTGAAGCTGGAGCAGTTGGGGATCCCTCGCCAAGTG
 CTCAGTATGATGACTTCTCAAGTCCACCCAGAAGGCCCTGCAACAGCTCCCAAGCCCATGCCACCAC
 GGCCCCCTGCCTAATCAGCAATTTGGGGTCTCGTTACAGCACCTCCGGGAGAAAAACCGAACCAGGA
 GCCCATCCCCATTGTGCTCAGGGAGACAGTCGCCCTACTTGACGGCGCACGCTCTCACCGCCGAGGGC
 TTCCGGAGGTCTGCCAACCCAGGTAGTAAGAGAAGTGACGAGAAATACAATATGGGGCTGCCAGTGG
 ACTTTGACCAGTACAATGAGCTGCACCTGCCAGCCGTCATACTCAAGACATTCTTCCGGGAGCTTCTG
 ACCCTTGCTAACCTTTGACCTCTACCCACATTTGGGGCTTCTCGATCTTGATGACGACCAGAGAGTG
 GAGGTAACACAGCAGGTTCTCCAACTCTGCCAGAGGAGAAGTACCGGGTACTTCACTTCTGACTGCCT
 TCCTTGACAGGTATCTGCCACTCTTACCAGAACAGGATGAATAACACTAACCTGGCTGGTCTTCGG
 CCCTAACCTGCTGTGGGCTAAGGATGCTGCCATCACCTCAAGGCCATTAATCCCATCAACACCTTCACT
 AAATTCCTCCTGGATCATCAAGGGGAATTGTTCCCGCAGCACAGATGCCAGGGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001107747
Insert Size:	1320 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:	<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:	<u>NM_001107747.2</u> , <u>NP_001101217.2</u>
RefSeq Size:	2894 bp
RefSeq ORF:	1320 bp
Locus ID:	311193
Cytogenetics:	3q24