

Product datasheet for **RN217078**

Arhgap18 (NM_001170575) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap18 (NM_001170575) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217078 representing NM_001170575
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGTGGCTCTCGAGTTCCTCGGGAGTTGTGCTAACTGCTTACCACCCAGCGGCAAGGACCAGGTCTG
 CTGGGGACAGCCATGCAAAGGGAGGCGACGAAGCCACCTCCAGTCGCAGATATGGCCAGTACACCATGAA
 CCCAGAAAGCTCCACCAAACCTTTAGAGAGACCTCCATTGATCGATCAAGTTCTCAGGATTCTTTGGAT
 GAAGTGTCAATGGAAGCCTATTGGACAGAACTAGAAAACATCAAGAGGTCTACTGAAAAGTCCAAAGAA
 GTCAAGAAGCCATAGTTGTCAAAGAACCTGATGAGGGAGAAGTGAAGAAGAATGGCTCAAGGAGGCAGG
 TCTGTCCAATCTTTTGGGGAGTCCGCCGATGACTCTCAGGAGAGCATCGTGTCTTGTCTACGCTGACC
 CGGACTCAGGCAGCAGCTGTCCAGAAACGGGTAGAAACGGTCTCCAAACCTGAGGAAGAAAAGCAAAC
 AGTACCACATTCTGACGTCAGAGACATATTTGCTCAACAGAGAGAGGCACAAGAAAAATCTCCAGATGA
 CTCAGACTTGCAGTCAAGCAAAATGAAAACGAAGACCAAGGAAAAGATGACCAGCCATCTAGTGGG
 GCTGTGGATAACAAGGAGCCGATCCACGGGTGCCTGAGGATATACCTGCCTCTGAAACAGACATCAATC
 TGGAGGTGTCCTTTGCGGAACAAGCTGTCAATCAGAAAGAGCTCAGTAAGGAGAGGATGCAGAAGACGAG
 AGGAAACGATGCCTCTTTACCCAGTTTACAGACTGCCTAAAGATAAAACAGGTACAACAAGGATTGGAGAC
 TTGGCACCTCAAGACATGAAGAAAGTTTGCTATCTATCCCTGATCGAACTCACTGCCCTATATGATGTAT
 TGGGTGTGGAGCTCAAACAACAGAAAGCTGTGAAAATCAAACAGAGACTCTGGTCTTTTTGGTATTCC
 TTTAACTATATTGTTAGAACAAGATCAAAGAAAAGTGCCTGGAACGCGAATACCTTGATCTTTCAAAAA
 CTGATTTCTTGCATTGAAGAAGGCAGTCTGGAAGTGAAGGCTCTGCGGATACCAGGAGCAGCCATGA
 GAGTCAAGAATCTTTGCCAAGAATTAGAAGCAAAGTTTATGAAGGAACCTTCACTGGGAAAGTGTCAA
 GCAGCAGATGCGGCCAGCCTGCTGAAGCTCTTTCTGAGAGAAGTGCCTCAGCCTCTGCTGAGCAGGGAG
 TACCTCAAAGCCTTCCAGGCTGTTCAAGATCTTCAACCAAAAAGGAACAATTGCAGGCTTTGAACCTCC
 TTGTCTTCTTCTACCTGACGCAACAGAGACACACTGAAGGCCTTGCTAGAATTTCTCAAAGAGTCAT
 CGATAACAAGAGAAAAACAAGATGACAGCCGTGAATGTAGCAATGGTCTATGGCCCCGAATCTTTCATG
 TGCCATGCACTGGGCTTGAAGTCCAGTGAACACCGAGAATTTGAAATGGCAGCAGGGACAGCAAATACCA
 TGCATTTATTGATTCCGTACCAGAACTTCTGTGGACAATCCCTAAATTTATTGTGAACCAAGTGAGGAA
 GCACAATACTGCGCATCAGAAGAAGGAAAGGAGAGCCATGAAGAAATTGCTGAAGAAAATGGCGTATGAC
 CGGAAAAACACGAAAAGCAAGACAGAGCTGCAATGGTCTGACGTTCTCAGGGAGTGATTTCAGTGC
 AAGCTCCCATCTTTCAAAGTTTCCATGGCAATACAGCTAACTGAAGAACTAAAAGCCAGCGACGTA
 TGCCAGGTTTCTGAGCCAGAAAGTGGGGTTGCCAGACACTCAAGAAAGGAGAAGTTTTCTGTATGAG
 ATTGGAGGAAATATTGGGGAACGTTGCCTTGATGACGATACATACATGAAGGACTGTACCATCTGAACC
 CAAATGCTGAATGGGTCATAAAATCAAAGCCAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170575

Insert Size: 1998 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001170575.1, NP_001164046.1</u>
RefSeq Size:	2292 bp
RefSeq ORF:	1998 bp
Locus ID:	293947
Cytogenetics:	1p12