

Product datasheet for **MR209864A1V**

Mouse Arhgap18 (NM_176837) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Arhgap18 (NM_176837) AAV Particle
Tag:	Myc-DDK
Symbol:	Arhgap18
Synonyms:	4833419J07Rik; AI314906; AI843501
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209864 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGAAC**TGGCTATCGAGTTCCTCGGGAGTTGTGCTAACTGCTTACCACCCAGCGGCAAGGACCAGGTCTG**
CTGGGGACAGCCATGTAAAGGGAGGCGACGAAGCCACCTCCAGTCGCAGATATGGCCAATACACCATAAA
CCAAGAAGGCTCCACCAAAGTCCCGAGAGGCCTCCATTTGATCGATCGAGTTCTCAGGATTCCTTGGAT
GAATCAATGGAAGCCTATTGGACAGAACTAGAAAAATCAAGAGGTGCAATGAAAATCGCCAAGAAGGTC
AAGAGGCCATAGTTGTCAAAGAACCTGATGAGGGAGAACTGGAAGAAGAATGGCTCAAAGAAGCAGGTCT
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ACTCAGGCAGCAGCTGTTCAGAAACGGTGGAACGGTCTCCAGACCTTGAGGAAGAAAAACAAACAGC
ACCACATTCGTGACGTCAGAGACATATTTGCTCAACAGAGAGAGGCACAAGAAAAACCTCCAGATGACTC
AGACTTGCGGTCACTCAGAACAAACGAAAAAGGCCAAGGAAAAGATGATCAGCCATCTAGTGGGGCT
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TGGAATTCAAACAACAGAAAGCTGTGAAAATCAAAACAGAGACTCTGGTCTTTTTGGTATTCTTTAAC
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TCTCGAATTGAAGAAGCAGTCTGGAACCGAGGGCCTCTACGGATACCAGGAGCAGCCATGAGAATCA
AGAATCTTTGCCAAGAACTAGAAGCGAAATTTACGAGGGGACTTTCAATTGGGAAAGTGTCAAACAGCA
CGATGCGGCCAGCCTGCTGAAGCTCTTTCTGAGAGAATTGCCCCAGCCACTGCTGAGCATGGAGTATCTC
AAAGCCTTCCAAGCTGTCCAGAATCTTCCAACCAGAAAGGAACAGTTGCAGGCTTTGAACCTCCTTGTC
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TATTGATTAGGTACCAGAAAATCTATGGACAATCCCTAAATTTATTGTAATCCAAGTGAGGAAACAGAA
TATTGAGAATCAAAAGAAGGAAAGGAAAGCCATGAAGAAATGCTGAAGAAAATGGCTTATGACCGGGAA
AAACATGAAAAGCAAGATAAACTGCAATGGTGCTGATGTTCTCAGGGAGTGATTGAGTGCAAGCTC
CCCATCTTTCAAAGTTTCCATGGCAATACAGCTAACTGAAGAACTAAAAGCCAGCGATGTGCTTGCCAG
GTTTCTCAGCCAAGAAAGTGGGGTTGCCAGACACTCAAGAAAGGAGAAGTTTCTGTATGAGATTGGA
GGAAATATTGGGGAACGTTGCCTCGATGACGACACACATGAAGGACTTGTAACCACTGAACCCGAATG
CCGAGTGGGTCATAAAATCCAAGCCAGTG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209864 protein sequence Red=Cloning site Green=Tags(s) MNWLSSSSGVVLTAYHPSGKDQVAGDSHVKGGEATSSRRYGQYTINQEGSTKVPERPPFDRSSSQDSDL ESMEAYWTELENIKRSNENRQEGQEAIVVKEPDEGELEEEWLKEAGLSNLFGESIDDPQESILFLSTLTR TQAAAVQKRVTVSQTLRKKNKQHHIRDVRDIFAQQREAEKPPDDSDLRSVRTNENKGQKDDQPSSGA VDSKEQISRVPEDTPASETDINLEVSAEQAVNQKEFSKERTQKISSNDSLPSFRLPKDKTGTTTRIGDLA PQDMKKVCSLSLIELTALYDVLGLEFKQKAVKIKTRDSGLFGIPLTILLEQDQKVPGTTRIPLIFQKLI SRIEEGSLETEGLLRIPGAAMRIKNLCQELEAKFYEGTFNWESVKQHDAAASLLKFLRELQPPLLSMEYL KAFQAVQNLPTREQLQALNLLVILLPDANRDTLKALLEFLQRVIDNKEKNKMTAGNVAMVMAPNLFMCH TLGLKSSEQREFEMAAGTANVMHLLIRYQKILWTIPKFIVIQRKQNIENQKKERKAMKLLKKMAYDRE KHEKQDKTANGADVPQGVIRVQAPHLKVSMAIQLTEELKASDVLARFLSQESGVAQTLKKGEVFLYEIG GNIGERCLDDDHMKDLYQLNPNAEWIKSKPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_176837
ORF Size:	1989 bp
Buffer:	PBS with 0.001% Pluronic F965
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_176837.2</u> , <u>NP_789807.1</u>
RefSeq Size:	3616 bp
RefSeq ORF:	1992 bp
Locus ID:	73910
UniProt ID:	<u>Q8K0Q5</u>
Cytogenetics:	10 A4
MW:	74.9 kDa