

Product datasheet for **MR210534A1V**

Mouse Arhgap44 (NM_175003) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Arhgap44 (NM_175003) AAV Particle
Tag:	Myc-DDK
Symbol:	Arhgap44
Synonyms:	6330543G20; AI840762; AU040829; AW493732; Rich2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210534 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGAAGAAGCAGTTTAAACCGCATGCGCCAGTTGGCCAACACAGACGGTGGGCAGGGCAGAAAAGACTGAAG
TTCTGAGCGAAGACCTTCTCCAGGTGGAGAAGCGCCTAGAGCTGGTGAAGCAGGTGTCCACAGCACACA
CAAGAAGCTCACCGCATGTCTGCAGGGTCAGCAGGGAGCAGAGGCCGACAAGCGATCAAAAAAGTTGCCT
CTGACGACTCTGGCGCAGTGCTTGGTGGAGGGTCCGCGATCCTGGGCGATGACACGCTTCTTGGGAAGA
TGCTGAAGCTCTGCGGAGAGACGGAGGACAAGCTAGCTCAGGAGCTGATCCACTTTGAGCTGCAAGTGGA
GAGGGATGTGATCGAGCCCTGTTCTGCTCGCTGAGGTGAAATTCCAATATTCAAAAGCAGAGGAAA
CATTTAGCCAAGCTGGTGCTTGACATGGACTCTCCCGGACCAGGTGGCAGCAGACTTCCAAGTCTTCAG
GGCTTTCCAGCAGCCTTCAGCCTGCGGGTGCCAAAGCCGATGCCCTCAGGGAGGAGATGGAGGAGCTGC
CAACAGAGTGGAGATTTGCCGGGACCAGCTTTCTGCTGACATGTACAGTTTTGTGGCCAAAGAAATTGAC
TATGCAAACACTTTTCAAACGCTAATAGAAGTGCAAGCTGAGTACCACAGGAAGTCGCTGACACTGCTGC
AGGCTGTGTTGCCTCAGATCAAAGCCCAGCAGGAGGCCTGGGTGGAGAAGCCTTCCTTTGGGAAGCCCT
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CTGCTCTGGACTGCTGTGTGGTGGATGTCCAGGAGTACTCGGCTGACCCACGCCATAGCAGGGGCTTT
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TCTAATATCCAGGAGCAAGACAAGAGACTTCAGGCTCTCTGGAATGCTTGTGAGAAGTTGCCAAGGCCA
ACCATAACAACATCAAATACTTGATCAAATTTTATCGAACTGTCTGAATATCAGGATGTAACAAGAT
GACTCCAGTAACATGGCAATTGTCTGGGACCCAATCTCCTTTGGCCACAGTCAGAGGGGAACATCACC
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CAACTACAGCTCAATGCCCTCCCAGACATGGACCCTGCTGACCGGCGCCAGCCAGAGCAGGCCCGCCGG
CCCCTCAGTGTTGCCACAGACAACATGATGCTGGAGTTTTACAAGAAGGATGGCATGGGTGTGAGGGTCA
TGGACACATCTGGGTGGCACGAAGAGGCTCCTCTGCTGGTCGAAAGCATCCTGCGCCCCGCTTCCAT
GCAGCCTCCTGCCCCACCCTCCGAGCTGGCTGCACCCTTGCTTCACCCCTGCCGGAGCAGGTCCCAGAC
AGCCCTGCCACTCCAGCTCCTGCGCTCTCTCCATCAGGTGCCAGCCTGCAGCCCACCCCGAGCGCCCCA
GTGTGTCTAAAAGCAAGGAAGTGTGCGCAGGGTCTGGGCAGAAAGGAAGTCCAGGTTCCATCCAGGGGAC
ACCCTGCCAGGGACGCAACTGGGGCCACAGCCGGCTGCCAGCCCCAGCCAGCTTCTGCAGACCAGAGT
CCTCACACCCTCCGAAAGTTTCAAAGAAGGTGGCACCAATTCCTCCCAAGGTCCCTTCGTGCAGCCAG
GGACTGTTTCAGATCAGCCCGTTGGCCAGCCATCCCCAGTCAGCCTGTCTCCTACTCCACCAAGCACCCC
ATCCCCCTATGGACTGAGCTACCCTCCAGGCTACTCCATGGCCTCTGGCCAGCTTTCTCTGCCTCAGCT
CCTCCCCTGGCCTCTCCCTCTGTCTTTACAAGCACTTTAGCCAAATCTCGGCCACCCCTAAGCCTCGAC
AGAGGCCACCCCTGCCGCTCCTCAGCCTCCCAGTGTGAGCCTGTCGGCTTCAAGTCCACAGTCCACAGA
GCACCCCATGTTAGACGGCATGTGCGCGGGGAAAGCATGTCTACAGCTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210534 protein sequence Red=Cloning site Green=Tags(s) MKKQFNMRQLANQTVGRAEKTEVLSEDLLQVEKRLELVKQVSHSTHKKLTACLQGQQGAEADKRSKKLP LTTLAQCLVEGSAILGDDTLLGKMLKLCGETEDKLAQELIHFELQVERDVIEPLFLLAEVEIPNIQKQRK HLAKLVLDMDSSRTRWQQTSSSGLSSSLQPAGAKADALREEMEEAANRVEICRDQLSADMYSFVAKEID YANYFQTLIEVQAEYHRKSLTLLQAVLPQIKAQQEAWVEKPSFGKPLEEHLMISGREIAFPICVMTLL ECGMQEEGLFRVAPSASKLKKLKAALDCCVVDVQEYSADPHAIAGALKSYLRELPEPLMTFELYDEWIIQA SNIQEQQDKRLQALWNACEKLPKANHHNNIKYLIKFLSKLSEYQDVNKMTPSNMAIVLGPNNLLWPQSEGNIT EMMTTVSLQIVGIIIEPIIQHADWFFPGEIEFNLTGSYGSPPVHVNNHANYSSMPSDMDPADRRQPEQARR PLSVATDNMMLEFYKKGDMGVRVMDTSWVARRGSSAGRKASCAPPSPMPAPPSELAAPLPSPLPEQVPD SPATPAPALSPSGASLQPTPERPSVSKSKELSPGSGQKGSPGSIQGTCPGTQLGPQPAASPSQLPADQS PHTLRKVSKKVAPIPPKVPFVQPGTVSDQPVGQPSVLSPTPPSTPSPYGLSYPPGYSMASGQLSPASA PPLASPSVFTSTLAKSRPTPKPRQRPTLPPQPPSVLSASSPQSTHEPMLDGMSPGESMSTAV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_175003
ORF Size:	2292 bp
Buffer:	PBS with 0.001% Pluronic F1618
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_175003.2</u> , <u>NP_778168.2</u>
RefSeq Size:	4099 bp
RefSeq ORF:	2295 bp
Locus ID:	216831
UniProt ID:	<u>Q5SSM3</u>
Cytogenetics:	11 B3
MW:	83.3 kDa