

Product datasheet for **MR218817A1V**

Mouse Actr5 (NM_175419) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Actr5 (NM_175419) AAV Particle
Tag:	Myc-DDK
Symbol:	Actr5
Synonyms:	AA545173; B430109J19Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218817 representing NM_175419
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGGCCAACGTGTTCCGCTTCCGAGATGCCCGCTCTGCTCCGGATCCCGTGCTCGAAGCCGGCCGG
 TGGCCTTCGGGTCGCAGCCGGTGCCTCTGGTGTGGACAACGGGTCGTTCCAGGCTCGGGCCGGGTGGC
 GTGCCCCGGGCCGACCCCGGTCCCGAGCCTCGCTGCAGTTCGCGCCGTGTGTGCGCGCGGCCCGGC
 GGGGCGCGCGGGCCGGGCCCGCAGGTGGGCAACGCGCTGGGAAGCCTGGAGCCTCTGCGCTGGATGC
 TGCCTCGCCCTTCGATCGCAACGTCCCGGTCAACCTGGAAGTGCAGGAAGTCTGCTGGACTACAGCTT
 CCAGCACCTCGGCGTCTCTCGAGGGTGCCTTATCATCCATAGTTCTGACAGAGGCTGTGTGAAC
 CCCCTCTACTCCCGTCAAATGATGTGGAGCTCCTTTTGAATGCTACAGGATCCCGAAGGTTGCCTATG
 GGATAGACAGCCTCTTCACTTCTACCACAACGTGCCCAAGAATGCCCTTCCAGCGGCCTCATCATTTT
 ATCCGGCTACCACTGCACACACATCTTACCGGTCTTGAAGGGAGGCTCGATGCCAAAAGTGCAGCGC
 ATCAATCTTGGAGGAAGTCAGGCAGCTGGCTACCTGCAGCGGCTTCTCCAGCTGAAGTATCCAGGCCACC
 TGGCAGCCATCACACTCAGCCGATGGAGGAGATCCTGCAGGAGCATAGCTACATTGCCGAGGACTACGG
 GGCAGAATTGCAGAAGTGGCAGTGTCCCGATTACTACGAGAACAATGTCCACAAGATGCAGCTCCCGTTC
 TCCAGCAAGCTCCTGGGCGACACTGACGGCGGAGGAGAAGCAGGAGCGCGGCAGCAGAGCTGCGCC
 GGCTGCAAGAGCTCAACGCCCGGCGGAGGAGGAGAAGCTGCAGCTGGATCAGGAGCGGCTGGAGCGGCT
 GTTGTATGTGCAGGAGCTCTAGAGGAAGGACAGATGGACCACTTACAAAGCTCTGATCGAGCTGAAC
 ATGGACTCCCCAGAAGAACTGCAGTCTACATACAGAAGCTCACCTTGGCGGTGGAGCAGGCCAAACAGA
 AAATCTGCAGGCCGAAGCCAGCCTGGAGGTGGATGTGGTAGACAGCAAGCCAGAGACCCTGACCTGGA
 GCCGCTGGAACCCACCATGGAGGATGTGGAGAACATCAGTGATTTCGAGCCTTTGTTCTCGGAGGAAACG
 CCCGAAGTGGAGAAGCCGAAGTCAACACAGTCCAGCCGCTGTTTAACTTGGCAGCGTATCATCAGCTGT
 CTGTTGGGACAGAGAGGATCCGTGCTCCGGAGATTATTTTCCAGCCATCCCTCATAGGAGAGGAGCAGGC
 GGGGATTGCAGAGACCCTCCATTTTGTCTGGACAGGTACCCAAAGGCCATTGAGGACACCCTGGTTTCA
 AACGTTTTCTTACCGGTGGGAACGTGATGTACCCAGGCATGAAGGCCGAGTGGAGAAGGAGCTGCTGG
 AGATGAGGCCCTTCCAGTCTCCTTCCAGGTTAGCTCGCCTCGAACCTGTGCTGGATGCGTGGTACGG
 TGCCCGTGAAGTGGCCTTGGATCACCTAGAAGACAGTGGAGCCTGGGTACCAGGAAGGACTATGAAGAA
 AAGGGGGCGAGTACCTCAAGGAACATTGCGCCTCCAACACGTACGTCCCATCCGCTGCTAAGCAGG
 CCTCACGTGCTCAGAGACGAGACTTCCGGCCGAGGCTCCAGCGCCAGTGAAGTGGGGCTGGTGATCA
 GGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEANVFRFRDARSAPDPVLEAGPVAFGSQPVPLVLDNGSFQARAGWACPGDPGPEPRLQFRAVCARGRG
 GARGGPGPQVGNALGSLEPLRWMLRSPFDRNPVNLELQELLLDYSFQHLGVSSQGCVDHPVILTEAVCN
 PLYSRQMMSELLFECYRIPKVAYGIDSLFSFYHNVPKNALSSGLIISGYQCTHILPVLEGRLDKNCKR
 INLGGSDAAGYLQRLQLKYPGHAAITLSRMEEILQEHSYIAEDYGAELQKWQCPDYENNVMHMQLPF
 SSKLLGSTLTAEKQERRQQLRRLQELNARRREEKLQDQERLERLLYVQELLEEGQMDQFHKALIELN
 MDSPEELQSYIQKLTAVEQAKQKILQAEASLEVDVVDSPETPDLEPLEPTMEDVENISDFEPLFSEET
 PEVEKPVQVTTVPVFNLAAHYQLSVGTERIRAPEIIFQPSLIGEEQAGIAETLHFVLD RYPKAIQDTLVQ
 NVFLTGGNVMYPGMKARVEKELLEMRFQSSFQQLASNPVLDAWYGARDWALDHLEDSGAWVTRKDYEE
 KGGEYLKEHCASNTYVPIRLPKQASRASETQTSGRGSSASGSGAGDQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_175419
ORF Size:	1824 bp
Buffer:	PBS with 0.001% Pluronic F2866
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_175419.4, NP_780628.3</u>
RefSeq Size:	2381 bp
RefSeq ORF:	1827 bp
Locus ID:	109275
Cytogenetics:	2 H1
MW:	68.2 kDa