

Product datasheet for **MR214003A1V**

Mouse Actrt1 (NM_028514) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Actrt1 (NM_028514) AAV Particle
Tag:	Myc-DDK
Symbol:	Actrt1
Synonyms:	1700061J02Rik; Arp-T1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR214003 representing NM_028514 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTTGATCCAGCTAGATTAGATAATCCAGCTGTGATTTTGGACAATGGTTCTGGACTCTGTAAAGTTG
GAATTTGAGGAGAGATTGAACCTCGTCATGTCATCAACTCTGTCGTTGGGCACCCAAAATTCAACATACC
ATCTGCAAGATCTAATCGGAAAAGGTACTTTGTGGGAGAAGAAGCTCAGTGCATGTATGATGGCTTATAT
CTACACTATCCTATTGAGCGTGGACTGGTAACATAGATGGGATGACATGGAAAACTGTGGAAGGATCTTT
TTGAGTGGGAGCTAGGAGTGAAACCCAATGAACAACCACTTTTCATGACTGAGCCCTCCTTGAACCCACA
AGAGACCCGAGAGAAGACCACAGAAATATGTTTGAGAAATTTAACGTGCCTGCCTTGTATCTTTGCAAC
CACGCAGTAGGAGCCTTGTGTGCTTCTGCCTGTATCACTGGGCTGGTCTGGACAGTGGAGATGGTGTCA
CCTGCACTGTTCCCGTCTATGAAGGCTACTCTCTGCCTCATGCTATACCAAGCTATATGTGGCAGGGAG
AGATATCACAGAACACCTCACCCGACTCCTTCTTGCTAAAGGTTACACCTTCCCTGCATCCTCAACAA
GCAGTGGTGGATGATATTAAGAGAAGTTATGTACTGTCTCCTGGGCTACAAAGACACAGAAAAGAAAT
GTCAGCAGTTCCTAAGAAAATACACACTGCCAGATGGGAATACTATCCAGATGAGTGACCACCTGTGCCA
GGTGCCTGAGGTTCTTTTACACCTGACCATCTAGGTATTCATGATTTAGGAATCTCAAAATGGTCTGC
AACAGCATCATGAAGTGTGACACTGACATCCAGGAGAATCTGTTTGTGAGATTGTGCTTTCTGGAGGTA
CCACAATGTTTCCCGGCTTCAGGATAGACTCCTGAAAGAACTAGAAGATCTGGCTTTTGAAGGAACCC
TATCAAGATCACAGCTTCTCAGACAGATGTTATTCGGCTTGGATTGGTGGATCTGTGATGACATCCATG
ACAACATTCAAGCAGATGTGGTCACTGCTGAGGACTTCAAAGAGTATGGGGCATTTGTGGTTCAAAGAA
AATGCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR214003 representing NM_028514 Red=Cloning site Green=Tags(s) MLDPA RL DNP AV I F D N G S G L C K V G I S G E I E P R H V I N S V V G H P K F N I P S A R S N R K R Y F V G E E A Q C M Y D G L Y L H Y P I E R G L V T R W D D M E K L W K D L F E W E L G V K P N E Q P V F M T E P S L N P Q E T R E K T T E I M F E K F N V P A L Y L C N H A V G A L C A S A C I T G L V L D S G D G V T C T P V Y E G Y S L P H A I T K L Y V A G R D I T E H L T R L L L A K G Y T F P C I L N K A V V D D I K E K L C T V S L G Y K D E K N C Q Q F L R K Y T L P D G N T I Q M S D H L C Q V P E V L F T P D H L G I H D L G I S K M V C N S I M N C D T D I Q E N L F A E I V L S G G T T M F P G L Q D R L L K E L D L A F E G T P I K I T A S S D R C Y S A W I G G S V M T S M T T F K Q M W V T A E D F K E Y G A F V V Q R K C F TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028514
ORF Size:	1128 bp
Buffer:	PBS with 0.001% Pluronic F68
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_028514.3, NP_082790.1</u>
RefSeq Size:	1339 bp
RefSeq ORF:	1131 bp
Locus ID:	73360
UniProt ID:	<u>Q9D9J3</u>
Cytogenetics:	X A4
MW:	42.2 kDa