

Product datasheet for **MR218446A1V**

Mouse Spatc1 (NM_028852) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spatc1 (NM_028852) AAV Particle
Tag:	Myc-DDK
Symbol:	Spatc1
Synonyms:	1700084J23Rik; speriolin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR218446 representing NM_028852
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCTACTTACAAGTTACGAGGGGCTTCGGCATCAGATAGAGAGGCTGGTGCGGGAAAAATGAGGAAC
 TGAAGAAGCTGGTACGGCTCATTCTGGGAGAATCAGGAGCTCAAGTCTGCGATCAAGACTCAGGCAGGTGG
 CCTCTGCATCAGCGGGTTCACCGAGGGCTTGGTGAGGCAGCGCAGGCCCTCCCAACATCAGGGTGTA
 TTCCTGCCCCAGCTTCAGCAGCAGCAAAGGAGCCCTGCTCAGAAGACTTGGGGATGGTAGCACTGGCAC
 CTCTGGCTGACATGTTGAATACCCACAGCTCAGTCTGCAGCAGGCTCCCTTGTGAACCCCTGGCTGC
 TACTCTTAACCCACTGCTGTCTGGCCAAATACCTTGTGCAGAACACCAAGTTTGCCATCTTGTGCCA
 TGCTCCATGAGCAACCAACTGACCAATCTACTACAGTTTCCCAGGAGTCACCTTGGCCAGTTCTCTGG
 GTTTGCCCTCTACTGGACCCCTGAACAGTCAAATGACTAGTCCCATGACTGTACCCCAAGGACCACTCT
 GGCCAGCTCACTGGGCTGACCTCAACTGGTTCCTAACAAACAGCAGCCGGCTGGTGGGCCCTCTGGCT
 GTATCTCAGAGCAGCCCCATCATGGCTCCCTGGCAGGCACAGTGGCAGTCTCTCTGAGTAGTCCCTGC
 TCTCTCCACAGCTACCCCTCTAGGTGTTGCTCAGAACGTAAGTGCACCAACCCATAAACACATAGGGCA
 GCCAGAGACGCCAAGGGTGGCGCTGGCAGAGCTACCCGAGGAACTTTCTGGAACCTCAGCCTATGCA
 GGACAGCTCCCACCTCCAAAGTCAATGATACCCGGGGTTCACGCGTGATGGAACAGTCTCGGAAGAATG
 TCGTGGAGATGGAGCGGAAGACGCCACCCGAAAGTCTAACAAAGTTACCTGACATCCCCGAGACACAAA
 ACAGCTAGTCTGTGAGAGGCTAGTGGGGGAAATCGCCTCCAGCTAGACCGAAGAATCCTGTCCAGCATC
 TTCCAGAGCGCGTACGTCTCTACGGCTTCACTGTCTCAACATCCCAGAGAAGATCATCCAGGCCTCCC
 TAAACCCAGTAATCACAAGTTGGATGAGGACCTGTGCCAGACGCTCACACAGCGTTACGTGAGCATCAT
 GAACAAGCTGCAGAGCTTAGGCTACAACGGGCGGGTGCACCCGGCACTGACAGAACAGCTGGTCAATGAG
 TACGGCATCTGCGCAGCGGCCCTGAGCTGGCGGCATCTGAAGGTGGCTGCTACACGGTGGACTTCTTGC
 AGCGTGTGCTATTGAAACCGTGACCCAGCAAGCTCACGGACGCCCTCCTGCTGCTCTCCTGCCTCCA
 TCAGCTGTCCACGATGACGGCAAACCTATGTTTCATCTGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSLLTSYEGLRHQIERLVRENEELKKLVRLIRENQELKSAIKTQAGGLCISGFTGGLGEAAAGPPQHGV
 FLPPASAAAKEPCSEDLGMVALAPLADMLNTPQLSPAAGSLVNPLAATLNPLLSGQIPLQLNNQFANLVP
 CSMSNQLTNPTTVSPGVTLASSLGLPSTGPLNSQMTSPMTVPPGTTLASSLGLTSTGSLTSSRLVGPLA
 VSQSSPIMAPLAGTVAVSLSSPLLSSSTATPLGVAQNVVNPINNIGQPETPRVRLAEPTRGNFSGTSAYA
 GPAPTSKYNDTRGSRVMEQSRKNVEMERKTPHRKSNKLPDNPRTDKQLVCERLVGEIAFQLDRRILSSI
 FPERVRLYGFTVSNIPKIIQASLNPSNHLDEDLCTLTQRYVSIMNKLQSLGYNGRVHPALTEQLVNE
 YGILRREPELAASEGGCYTVDFLQRVLLETVHPSKLTDALLLSCLHQLSHDDGKPMFIW

SGPTRTRPLE**QKLI**SEEDLA**ANDILDYKDDDDKV**

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_028852

ORF Size:

1440 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_028852.1, NP_083128.1</u>
RefSeq Size:	1621 bp
RefSeq ORF:	1443 bp
Locus ID:	74281
UniProt ID:	<u>Q148B6</u>
Cytogenetics:	15 D3
MW:	51.4 kDa