

Product datasheet for **MR213524A1V**

Mouse Spata18 (NM_178387) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spata18 (NM_178387) AAV Particle
Tag:	Myc-DDK
Symbol:	Spata18
Synonyms:	1700067I02Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR213524 representing NM_178387
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAAAGCCTGAAGAAGCTGGCCAAAAGCGAATCTTTACAAGCACTGCAGGATAAAGTCACCTACT
 GGGTGAACGACTACAACCTCAAACCTCCTGTGATCAAAATCTAAATTATTGCATCGAACTCATCGAAACAAGT
 TGCTAAAGTGCAGGCACAGCTCTTTGGGATCCTCACAGTGACAGCCCAAGAAGGGGAAATAATGAAGGC
 GTGGAGACAATCAAGTGTGCGCTTTTGGCCTTGTGTCAGACTTCTTCAGTTCTGTAAACATGGGAAAA
 CGGCTGAGTCTGAGATGTGTGCTACACAGGATTCCAACCTAGAAGTAAAAACAGAGACAATTCTCCGGA
 TCAGGACCAACATCAATCAGACAATGAATCGTTCTCAGAGACTCAACCAACCCAGGTTCAAGACGATCTG
 GCTGAAAGTGGAAAGAGTCTTGAAGGAGCCAAGAACGGATCAACCATATCCCTCCTGGTGCAGAGGAGG
 AGATAAACCGCTAAAAAGCAGCTCAAATCTCTCAAGCTCAGGAGGACGCCGCCACAAAACCTCGGA
 GAACCGTCGCTCTGAGGCCTTAAAAAGTGATCATCGATCAACCAACGAACCCAGGACCAACGGCCCCAA
 GACGTGGTGTCCAATATGAGAAACATCTGCAAAATCTGAAGGAAGAGATAGCTGTCCTGTCTGCTGAGA
 AAAGTGGTCTCCAGGGAGGTCTGCCAGGAGCCCATCTCTAGCACAGGCACCCGCAGCCACCGTCGCGG
 CCGCAGCCGTAGCCACAGCCGCAGCCGCAGCCAGCCGGTCCAATAGCCCTGCACCACAGTGGCCAAG
 ATCAGAAGCCCGTCCCCAAACCGTGCCAAAATGTCCAGCGTGGCTCGCAAAGTGTCTCTCTGTCGCGAT
 TCAGCGACGCCTATTCAGGCCCGTCTGGATGCTCAGTGCTTGTGAGGCGTTGCATCGACAGGGCAGA
 GACGGTGCAGCGGATCATTTACATCGCCACAGTGGAGGCATTTTCATGTAGCTAAAATGGCATTAGGCAT
 TTCAAGATCCGGGTGAGGAAGATGCTGACGCCATCGAAGTGGGATCTAATACTGACTTTGAGACCGCAG
 TCTCCGAATACATTGTTTGGCACCTGGACCTGTATGACTCGCAAAGCAGTGTCAATGATGTGATCCGTGC
 CATGAACGTCAACCCCAAGATCTCATTCCCTCCTGAAGTTGACTTCTGCCTCCTCACTGACTTCATCCAG
 GAGATTTGCTGCATTGCTTTTGAATGCAGTCTTAGAGCCACCCCTCGATATCGCATTGCGGGCAGATG
 GGGAAATCTTTAACGATTGCAAGTACCGCCGACGCTATGACTCGGACTTTACTGCTCCCTTGGTCTTTTA
 TCACGTGTGGCCTGCTCTCATGGAGAATGACTGTGTCATTATGAAGGGAGAAGCTGTACCAAAAAGAGGG
 GCTTTTTGGAGTTCGTGCGACCAAGTATGCGGTGCCGTAGCAGGAGCTTAAGCCCCATTTGCTCTCGTA
 ATCATTTTGAATAAGCACGGTATCTCGAAGTCGAAGCCCTTCTCAATAAGATGTACATTGCGAAGGTA
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAESLKKLAKSESLQALQDKVTYVWVNDYNSNSCDQNLNYCIELIEQVAKVQAQLFGILTVTAQEGGNNEG
 VETIKRLLPLLQTSFSSVNMGKTAESSEMCATQDFQLRSKNRDNSPDQDQHQSDFSETQPTQVQDDL
 AESGKSLEGAKNGSTISLLAAEEEEINQLKKQLKSLQAQEDARHKTSENRRSEALKSDHRSTKRTQDQRPQ
 DVVSNYEKHLQNLKEEIAVL SAEKSLQGRSARSPSPSTGTRSHRRGRSRSHSRSHSRSPCTTVAK
 IRSPSPNRAKMSSVARKAALLSRFSDAYSQARLDAQCLLRRCIDRAETVQRRIIYIATVEAFHVAKMAFRH
 FKIRVRKMLTPSNVGSNTDFETAVSEYIVCHLDLYDSQSSVNDVIRAMNVNPKISFPPEVDFCLLTDFIQ
 EICCI AFAMQSLEPPLDIAFGADGEIFNDCKYRRSYDSDFAPLVFYHVW PALMENDCVIMKGEAVTKRG
 AFWSSVRPVMRCRSRSLSPICPRNHFGISTVSRSRSPSPIRCTFARY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_178387

ORF Size:	1611 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_178387.3, NP_848474.2</u>
RefSeq Size:	1949 bp
RefSeq ORF:	1614 bp
Locus ID:	73472
UniProt ID:	<u>Q0P557</u>
Cytogenetics:	5 C3.3
MW:	60.4 kDa