

## Product datasheet for **MR214034A1V**

### Mouse Spag6 (NM\_001001334) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spag6 (NM_001001334) AAV Particle
Tag:	Myc-DDK
Symbol:	Spag6
Synonyms:	Spag6l
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR214034 representing NM\_001001334  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCCAGCGCAGGTGCTGCAAGTGTTCGAGCTGTACCAGAACGCCCGGACCCGGTTTGTGCAGATGG  
 TGGCGGAGCAGGCGACCAAAACCCAGAACATCGAGACTGCAGAATGCGGGTATAATGTCTTTGCTGAG  
 GCCTCTTCTTCTGGACGTGGTCCCAACATTACAGCAGACTGCTGCCTTGCTCTGGGAGGCTGGCCAAC  
 TACAACGATGACTTAGCAGAAGCAGTCGTGAAGGGTGACATTCTCCACAGCTTGTGATTATTGGCAG  
 AGCAGAATTGTGTCTACAAGAAGGCAGCTGCGTTTGTGCTGCGAGCGGTTGGTAAACACTCTCCTCAGCT  
 GGCGCAGGCCACAGTTGACTGTGGTGCCTGGACTCACTGGTATCTGCTTGGAAAGATTTGACCCTGGA  
 GTCAAGGAGGCTGCAGCCTGGCACTTGCATATATTGCAAGGCATAATGCAGAAGTGTGCAAGCTGTGG  
 TGGATGCGGGAGCTGTTCTCTTTTAGTCTCTGTATCCAGGAGCCGAGACTGCTTTGAAAAGGATCGC  
 TGCTCGGCCCTCAGTGATATTTCAAAGCACTCCCAGAGTTAGCACAAACGGTGGTGGATGTAGGAGCT  
 ATTGCTCACTTAGCCAGATGATCCTCAACCCGATGAGAAAAGTGAAGCAACAGGTCCTCTCAGCTCTGA  
 GTCACATCGCGAAGCACTCGGTGGACCTGGCAGAGATGGTTGTGGAGGCAGAGATTTCCAGTTGTTCT  
 CACCTGTCTGAAGGACAAAGTACTTCGTGAAGAAGAATGCTTGTACTCTGATTAGAGAGATCGCAAAA  
 CATACACCAGAGCTCTCGCAGCTGATTGTTAATGCCGGAGGTGTGGTGCCGTGATCGACTGCATCGGGT  
 CCTGCAAAGGGAACATACGGCTGCCTGGCATCATGATGCTGGGTACATGGTGCCTATTCTGAGAACCT  
 GGCCATGGCGGTGATCATCTCAAGGGTGTACCCAGTTGTGACTGCCTGTGAGAAGAACCGGAAGAT  
 CATATTAAGGCTGCGGCTGCCTGGGCTTAGGGCAGGTTGGGAGGCACACTCCAGAACATGCTCGGGCTG  
 TCGCATCACAAACAGTTGCCGCTGCTGGCTTTGTACATGTCCCAGAGAGCTCTGAGGACCTGCA  
 GGTGAAAAGTAAAAAGGCCATAAAGAATATCATCCAAAATGCACCTACCTCCCGCGCTTGAGCCGTTT  
 CTCTATGATGCGCCTCCAATATCCTGAAGTATGTCGCTGGACAGTTCAGTAAGGTGCTGCCACATGACA  
 GCAAAGCTCGTCGGCTTTTTGTAACAAGTGGTGGACTTAAAAAGATCCAAGAGATCAAAGCAGAACCTGG  
 TTCCATCTCCAAGAGTATATCAACAACATCAACAGCTGCTACCCAGAGGAAAATAGTAAGGTACTATTCT  
 CCTGGATACTCAGACATACTTCTGCAGAGGATCGACAGCTATCAGCCTCTTATTAAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR214034 representing NM\_001001334  
 Red=Cloning site Green=Tags(s)

MSQRQVLQVFELYQNARTRFVQMVAEQATKPNQIETLQNAAGIMSLLRPLLLDVVPTIQQTAALALGRLAN  
 YNDLAEAVVKGDIPLQLVYSLAEQNCVYKAAAFVLRVKGKSPQLAQATVDCGALDSLVCLEDFDPG  
 VKEAAAWALAYIARHNAELSQAVVDAGAVPLLVLCTIQEPETALKRIAASALSDISKHPELAQTVDVGA  
 IAHLAQMILNPDEKLKQVLSALSHIAKHSVDLAEMVVEAEIFPVVLTCLKDKDDFVKNACTLIREIAK  
 HTELSQLIVNAGGVAVIDCIGSCKGNIRLPGIMMLGYMAAHSENLAMAVIISKVGPQLSDCLSEEPED  
 HIKAAAALWALGQVGRHTPEHARAVAITNTPVLLALYMSPESEDLVKSKKAIKNIQKCTYLPALPEPF  
 LYDAPPNILKYVAGQFSKVLPHDSKARRLFVTSGLLKIQEIKAEPGSILQEYINNINSCYPEEIVRYS  
 PGYSIDILLQRIDSYQPLIN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001001334

**ORF Size:**

1527 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001001334.2</a></u> , <u><a href="#">NP_001001334.2</a></u>
<b>RefSeq Size:</b>	1651 bp
<b>RefSeq ORF:</b>	1530 bp
<b>Locus ID:</b>	381350
<b>Cytogenetics:</b>	2 A3
<b>MW:</b>	55.4 kDa