

## Product datasheet for **MR213559A1V**

### Mouse Stpg2 (NM\_198659) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Stpg2 (NM_198659) AAV Particle
Tag:	Myc-DDK
Symbol:	Stpg2
Synonyms:	B930007M17Rik; Gm1017
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR213559 representing NM\_198659  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTATGACCGTCTCCGCGCTGGCTCGACTGTGCCAACCGCGCAGCACCGAGGAGCAGTGGGGCCTG  
 GGACCTACCAGGTACCTTTCTAAGCAGCAGGCCACAGGTTGCTATGCACATTCTTTCTTTGAGTTC  
 CAAAACAAGTGCTTGTGTCTCTCTGATGTGCCAAGCTGTTCCAGGTCCAGCACACTACAACGTA  
 TCACAAGCACAGTATAATATAAGAGGAGGCCGAGTCTGCAAAACCGAGAGAAGCGATTTAAGAACTTA  
 TTTCCGATGGTCCAGGACCTGGGAGCTACAATTGGCCTTATCTTGGGACATTATGTATCACAAACGACA  
 GAAACTCCTAGAACTCCTGCAGTTTCCAGAAACATTGATATTCCTTCAATCCCCTCTCCGGAAAGTCA  
 CATGGGTATCATCTCAATGACGATGACACTATTATGAGACGCACCCACCTCCTAGTGACAACACAATAG  
 GTCCAGCGTACTACAATCCTCAGTTTGATTATCCTAAAGCATCTTTGAAATATAAAGGCGTAAATTTTGG  
 CAATGCTACAGGAAGACAAGAATTTCTCAAGTATTCGGGTCTGGTCTGGACAGTATGATATCATCCAG  
 AAAAGGAAACTACATTGTGAAAATATTAAACATCAAGAGAGAACAAGAGCATAATTATTATACATATGTCC  
 CACGGCTATATGAAGCGATAATATTGCAGGAGGAAAAAAGGGTGTACCAGGACCTGAAAGTACAACAT  
 TAAAAGTGAATTTGACATGATAAAATCCATGTCAGCACTTGTGAATTCTCCATCTTTATTTCTTTTCT  
 GAAACAGAGAGATTTGAACCTATAAAATCATGCACCCAGCTCCTGGCACATACAATGAAATACGAACTG  
 CTTTCAAGTGCCCAAAGAAAAGATTTGGACTGTCTTTGCCATTTAACCAGAGTGTGCTCGATTACAGA  
 AGATTTCAAGGCACAGAAGCTACCAGGTCTGGCTTTTATGATATCTCAACCAACATTGAAAAGCCAG  
 GTTAAAAACCCTGCTTGAAGAAAACAACCGAAAACCTGGATTTGGTTCTTCTGTGCCTCGAACTTTGTTCA  
 CAGCTCAGAAAAAGCTTCCGTGGTCTGGGCTAGTGATTATCAGGTTTCGAGGAACTCATGATGAATT  
 ACCTAACTTGAACAAATCTGCTGCTTTCTTGTGAGAGCAGAAAAAACTCCACCAGTACGAAAAATGCGT  
 CTTCCAGCTCCTGGCCGCTATGATGTTTCAAGAAATCGTATGACATGTCCCAAGTTAAACATAAGTACATGC  
 CACCTCGTACTTCGGTGGCTAAAAAAGGCATTCTCTTTCTGAGCGCAGCTCCTCGGTGCCTGGGAAA  
 AATCGCTGATGGGCCAGGACCTGCAACATACAGTCTGTTTAAATGAAGTCTGGTGCCATAATCTCATT  
 GTTAAAGGACCAAGCGTTTTCAAGAGTTTTCATGGCGAGTTTCTCCAGGCCCTACGACATATGAGCTCA  
 GTCCATTTCTAAGACATTCTTCTGAAGAGAACAACAATGTCAGTCTGCCGTGTTATCCTCTCTCTAA  
 TAGAGAAAATACTGGTTGCCATCACAAAAAGCCACAAAAATTTCAAAGAGAGAAATTACAGTATTTT  
 AAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR213559 representing NM\_198659  
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MYDRAPRWLDCANRGSTEEHVGPQYVFPFKQQATGCYAPFLSLSSKTSACVSSDAGQAVPGPAHYNV  
 SQAQYNIIRGGRSLQNREKRFKLIISDGPGPSYNWPYLGTLCTTRQKTPRTPAVSRNIDIPSIPSSGKS  
 HGYHLNDDDTIMRRTPPPSDNTIGPAYNYPQFDYPKASLKYKGVNFGNATGRQEFKYSGPGPGQYDIIQ  
 KRKLHCENINIKREQEHNYTYVPRLYEAILQEEKKGVPKGYNIKSEFDMIKSMSALVNSPSFIFFS  
 ETERFEPIKSCTPAPGTYNEIRTAFKCPKRFGLSLPFNQSAARFTEDSKAQKLPGPGFYDISTNIVKAQ  
 VKKPCLKKQPKTGFSSVPRTLFTAQKKAFRGPGPSDYQVRGTHDELPLNLKNSAAFLSRAEKTTPVRKMR  
 LPAPGRYDVQKSYDMSQVKKHYMPRTSVAKKRHSSFLSAAPRCLGKIADGPGPATYSPVLMKSGAII SF  
 VKGPKRFQEFHGEFSPGPTTYELSPFLRHSLLKRTYVNTLPCSSSPNRENTGCPSQKATQKFQREKLQYF  
 N

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

ACCN:	NM_198659
ORF Size:	1683 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><a href="#">NM_198659.2</a></u> , <u><a href="#">NP_941061.1</a></u>
RefSeq Size:	2818 bp
RefSeq ORF:	1686 bp
Locus ID:	381476
UniProt ID:	<u><a href="#">Q8C8J0</a></u>
Cytogenetics:	3 H1
MW:	62.7 kDa