

Product datasheet for **MR209229A1V**

Mouse Cry2 (BC054794) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cry2 (BC054794) AAV Particle
Tag:	Myc-DDK
Symbol:	Cry2
Synonyms:	AV006279; D130054K12Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209229 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGCGGCTGCTGTGGTGGCAGCGACGGTCCCCGCGCAATCGATGGGCGCGGACGGCGCTCCTCGG
 TGCAGTGGTTCGCAAAGGACTACGGCTCCACGACAACCCGCGCTGCTAGCTGCGGTGCGCGGGGCGCG
 CTGTGTGCGCTGCGTCTACATCCTCGACCCGTGGTTCGCGGCCTCCTCGTCTGTGGGCATCAACCGATGG
 AGGTTCTACTGCAATCTCTGGAAGATCTGGACACAAGCTTAAGAAAGCTGAATTCGCGTCTGTTGTAG
 TCCGGGACAGCCAGCTGATGTGTTCCCAAGGCTGTTCAAGGAATGGGGGTGACCCGTTTGACCTTTGA
 ATATGACTCTGAACCTTTGGGAAAGAACGGGATGCAGCCATTATGAAGATGGCCAAGGAGGCTGGCGTG
 GAGGTGGTGAAGTCTCAGACCTCTATGACCTAGACAGAATCATCGAATGAATGGGCAGAAAC
 CACCCCTTACCTACAAGCGCTTTCAGGCCCTCATCAGCCGCATGGAGTGCCTAAGAAGCCCGCGGTGGC
 TGTGAGCAGCCAGAGATGGAGAGCTGCAGAGCTGAGATCCAGGAGAACCATGACGACACCTATGGCGTG
 CCTTCCCTGGAGAGCTGGGATTCCTCCACGGAAGGACTTGGCCAGCTGTTTGGCAAGGAGGAGAGACAG
 AAGCTCTGGCCCGCTGGACAAGCACTTGAACGGAAGGCTGGGTGGCAACTATGAGAGACCTCGGAT
 GAATGCCAATTCCTTACTGGCCAGCCCCACAGGCTCAGCCCTACCTGCGCTTTGGATGCTCTCCTGC
 CGCCTCTTCTACTACCGCTGTGGGACTTGTAAGAAGGTGAAGAGGAACAGCACACCCCCCTCTCCT
 TATTTGGACAACCTCTGTGGCGAGAATCTTCTACACAGCGGCCACCAACAACCCAGGTTTGACCGAAT
 GGAGGGGAACCCATCTGCATCCAGATCCCCTGGGACCGCAACCCGAAGCCCTGGCCAAGTGGCGCGAG
 GGCAAGACAGGCTTCCCTTGATTGACGCCATCATGACCAACTGAGGCAGGAGGGCTGGATCCACCACC
 TGGCCCGGCACGCTGTGGCCTGCTTCTCACCCGCGGGACCTCTGGTCAGCTGGGAGAGCGGGGTCCG
 GGTATTTGACGAGCTGCTCCTGGATGCCGATTTCAAGTGTGAATGCAGGCAGCTGGATGTGGCTGTCTGC
 AGTGCTTTCTTCCAACAATTCTTCCACTGCTACTGCCCTGTGGCTTCGGCCGACGTACAGACCCAGTG
 GGGACTACATCCGGCGGTACCTGCCAACTGAAAGGCTTCCCCTCTCGATACATCTATGAGCCCTGGA
 TGCCCCCGAGTCAGTTTCAAGGCTGCCAAGTGCATCATTGGCGTGGACTACCCACGGCCCATCGTCAAT
 CATGCAGAGACTAGTCGGCTCAACATTGAACGAATGAAGCAGATCTACCAACAGCTGTCGAGATACCGGG
 GACTCTGTCTATTGGCATCTGTCCCTTCTGTGTGAAGACCTCAGTACCCTGTGGCAGAGCCTGGTTC
 AAGCCAAGCTGGGAGCATCAGCAACACAGGCCCCAGAGCACTATCCAGTGGCCAGCTTCCCCAAACGC
 AAGCTGGAAGCAGCCAGGAACCTCCTGGTGAAGAAGTACCAAGCGGCTAGAGTGACGGAGATGCCTA
 CCAAGAGCCAGCAAGCAAGGACTCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209229 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAVVAATVPAQSMGADGASSVHWFRKGLRLHDNPALLAAVRGARCVRVYILDWPFAASSSVGINRW
 RFLLQSLDLTSLRKLNSRLFVVRGPADVFPRLFKEWGVTRLTFEYDSEPFGERDAAIMKMAKEAGV
 EVVTENSHLYDLDRILNQGKPLTYKRFQALISRMELPKKPAVAVSSQQMESCRAEIQENHDDTYGV
 PSLEELGFPTGLGPAVWQGGETEALARLDKHLERKAWVANYERPRMNANSLASPTGLSPYLRFGCLSC
 RLFYRLWDLKKVKRNSTPPLSLFGQLLWREFFYTAATNNPRFDRMEGNPICIQIPWDRNPEALAKWAE
 GKTGFPWIDAIMTQLRQEGWIHLARHAVACFLTRGDLWVSWESGVRVFDLLDADFVNAGSWMWLS
 SAFFQQFFHCYCPVGFGRRTDPSGDYIRRYLPKLKGFPSRYIYEPWNAPEVQKAAKCIIGVDYPRPIVN
 HAETSRNLIERMKQIYQQLSRYRGLCLLASVPSCVEDLSHPVAEPGSSQAGSISNTGPRALSSGPASPKR
 KLEAAEPPGEELTKRARVTEMTQEPASKDS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	BC054794
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F344
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>BC054794</u> , <u>AAH54794</u>
RefSeq Size:	3975 bp
RefSeq ORF:	1778 bp
Locus ID:	12953
Cytogenetics:	2 E1
MW:	66.9 kDa