

Product datasheet for **MR210549A1V**

Mouse Gucy2e (BC057954) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gucy2e (BC057954) AAV Particle
Tag:	Myc-DDK
Symbol:	Gucy2e
Synonyms:	GC-E; GC1; ROS-GC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210549 representing BC057954
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCGCTTGGCTCCTGCCAGCCGAGGGCTCCCGGCGCCGGTTCTGTGTCCTGCGCGGCAGTCTC
 CGTCCAGTTTCTCGCGGGTCTGCGCTGGCCAAGGCCTGGGCTACCGGACTCCTGCTACTGCTACTGCT
 CCCATCTCCTTCTGCCCTCTCTGCTGTGTTCAAAGTGGGGGTGCTGGGCCCTGGGCTTGCAGCCCCATC
 TTTGCACGGGCCCCGACCAGACCTGGCTGCGCGTCTGGCCGCCAACCAGCTGAATCGTGACTTTGCTTTAG
 ACGGGGCCCCCGGTTGAGGTTGCGCTGCTCCAGAGCCCTGCCTGACTCCGGGCTCACTAGGGGCTGT
 GTCCTCTGCGTGTCTCGAGTCTCTGGCTGGTGGTCCGGTGAACCCCGCAGCCTGTGCGCCAGCCGAA
 CTGTTGGCTCAAGAAGCTGGAGTAGCGTGGTGCCTGGGGTGCCTGGCACGCGGGCGGGGCTACTA
 CAGCCCCGGCGGTGACCCCGCTGCAGATGCTCTACGTCTCTTAGAGCATTCCGCTGGGCGCGCT
 GGCCCTGATCACTGCACCCCAAGACCTGTGGTGGAGGCGGGACGCGCTCTGTCCACAGCACTCAGGGCC
 CGGGGTTTGCCAGTTGCCCTAGTGACTTCCATGGAGACTTCAGACCGGTCTGGAGCCCGGAGGCCCTCG
 GGAGGATCCGAGATGGGCTAGAGTTAGAGTAGTGATCATGGTGATGCACTCGGTGCTGTGGGCGGCGA
 GGAGCAGCGCTACCTACTGGAAGCTGCAGAAGAACTGGCTCTGACTGATGGCTCCCTGGTTTTCTGCC
 TTCGACACGCTTCACTACGCTTTGTCTCCAGGCCCGGAGGCTCTGGCTGCATTTGTCAACAGCTCCCAGC
 TCCGCAGGGCTCACGATGCGGTGCTCACACTCACGCGCCGCTGTCTCTTGAGGCGAGCTGCAAGACAG
 CCTGCGCAGGGCTCAAGAACACCAGGAAGTCCCTTGACCTCAACCTGAAGCAGGTCTCTCCGCTGTTT
 GGCACCATCTATGATGCTGTCTTCTGTTGGCTGGGGGCGTGAAGAGAGCAAGAACAGCGGTGGGTGGTG
 GCTGGGTGTCAAGTGATCTGTAGCCCCCAAGTACGGGAAGCACAAGTCTCTGGCTTTTGTGGGGTCTCT
 GGGAAGAACCAGGAGCCCTCCTTTGTGCTGCTGGACACAGATGCATCCGGAGAACAGTTGTTTCGCAACA
 CACCTGTAGATCCTGTCTTAGGCTCCCTGCGTCTGACAGGGACCCCATGCACTTCCCTAGAGGTGGAC
 CTGCCCCGGGACCAGACCCTTCTGCTGGTTCGATCCAGATGTGATCTGCAACGAGGGGTGGAGCCAGG
 CCTGGTCTTTGTGGCTTCTCCTGGTGATAGGATGGGACTGACTGGAGCCTTCTTGGCTCATTACTTG
 AGGCACAGGCTGCTACACATGCAGATGGCTTCCGGCCCCAACAAGATCATCTTGACGTTGGAAGATGTTA
 CTTTCTCCACCCACCGGAGGCGAGCTCTGAAAGGTGGTCCAGGGAAGTAGATCCAGTCTGGCTACCCG
 GAGCGCATCAGACATTCGAGTGTCCCGAGCCAGCCCCAAGAGAGCACCAACGTTGGCCTCTATAGGGG
 GACTGGGTTTGGCTGAAGAAGTCCCAGGGGAACATCATATGGCTATCAGGCCAGCAACAAAGACAGCCT
 TCTCCAAGCTTCGAGAGCTCCGGCATGAGAATGTGGCTCTCTACTTGGGACTCTTCTGGCGGGTACAGC
 AGACAGCCCTGCCACCCCTGGGAGGGCATCTTGGCTGTGGTCTCAGAGCACTGTGCTCGGGGTTCCCTC
 CATGACCTCCTGGCCAGAGAGAAATAAGCTGGACTGGATGTTCAAGTCTTCCCTCCTGCTGGACCTCA
 TCAAGGGAATGAGATATCTGCACCATCGCGGTGTGGCCACGGGAGGCTCAAGTCACGGAATTGCGTGGT
 GGACGGGAGGTTGCTGCTCAAGGTGACAGATCATGGCCATGGGCGACTGCTGGAAGCGCAAGGGTGTTA
 CCGGAACCTCCAGTGCAGAGGATCAGCTATGGACAGCCCCAGAGCTTCTTGGGACCCCTCCCTGGAGC
 GCCGGGAACTCTAGCTGGTGATGTCTTTAGTCTGGCCATCATCATGCAGGAGGTCGTGTGCCGAGCAC
 CCCTTATGCCATGCTGGAATAACGCCCGAGGGTAAGTGTTTGGGGCCAGATAGGCACCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210549 representing BC057954 Red=Cloning site Green=Tags(s) MSAWLLPAGGLPGAGFCVPAQSPSSFSRVLRWPRPGLPGLLLLLLLPSPSALS AVFKVGLGPWACDPI FARARPDLAARLAANRLNRD FALDGGPRFEVALLPEPCLTPGSLGAVSSALSRVSGLVGPVNPAACRPAE LLAQEAGVALVPWGCPGTRAAGTTAPAVTPAADALYVLLRAFRWARVALITAPQDLWVEAGRALSTALRA RGLPVALVTSMETSDRSGAREALGRIRDGPRVRVIMVMHVSLLGGEEQRYLLEAAEELALTDGSLVFLP FDTLHYALSPGPEALAAFVNSSQLRRAHDAVLTLTRRCPPGGSVQDSLRR AQEHQELPLDLNLKQVSPLF GTIYDAVFLLAGGVKRARTAVGGGWVSGASVARQVREAQVSGFCGVLGRTEEPSFVLLD TDASGEQLFAT HLLDPVLGSLRSAGTPMHFPRGGPAPGPD PSCWFDPDVICNGGVEPGLVFVGFLLVIGMGLTGAFLAHYL RHRLLMQMAGSPNKIILTLEDVTLHPPGGSSRKVVQGSRSSLATRSASDIRSVSPSQPQESTNVGLYEG DWWLKKFPGEHHMAIRPATKTAFSKLREL RHENVALYLGLFLAGTADSPATPGEGILAVVSEHCARGSL HDLLAQREIKLDWMFKSSLLLDLIKGMRYLHHRGV AHGRLKSRNCVVDGRFVLKVTDHGHGRLL EAQRVL PEPPSAEDQLWTAPELLRDP SLERRGTLAGDVFSLAIIMQE VVCRSTPYAMLELTPEGKV VWGQIGTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	BC057954
ORF Size:	2304 bp
Buffer:	PBS with 0.001% Pluronic F1632
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>BC057954</u>
RefSeq Size:	3213 bp
RefSeq ORF:	2306 bp
Locus ID:	14919
Cytogenetics:	11 42.51 cM
MW:	117.8 kDa