

Product datasheet for **MR223519A1V**

Mouse Gja10 (NM_010289) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gja10 (NM_010289) AAV Particle
Tag:	Myc-DDK
Symbol:	Gja10
Synonyms:	Cx-57; cx57; Cx59
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR223519 representing NM_010289
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGATTGGAATTTACTGGGTGGCATCCTAGAGGAAGTCCACTCCACTCCACTATAGTGGGAAGA
 TCTGGCTGACCATCCTCTTCATCTTCCGAATGCTGGTACTTGGTGTGCTGCTGAGGACGCTGGGATGA
 TGAGCAGTCCGCCTTTGCTGCAACACCCAGCAGCCCGTTGCAACAATATCTGTTACGATGATGCTTTC
 CCCATCTCTTTGATCAGATTCTGGGTTTTGAGATCATCTTTGTGTCTTCCCCTCTTTGGTGTATATGG
 GCCATGCCCTTTATAGACTCAGGGACTTTGAGAAGCAGAGGCAGAAGAAGATTATACCTTAGAGCCCA
 GATGGAGAATCCAGAGCTCGACCTGGAGGAGCAACAAAGGGTAGATAAAGAGCTGAGGAGACTCGAGGAG
 CAGAAGAGGATTCATAAAGTCCCTCTGAAAGGATGTCTGCTGCGCACCTATGTCTTACACATCTGACCA
 GATCAGTGCTAGAAGTAGGGTTCATGATAGGCCAATATATTCTCTATGGGTTTCAAATGCACCCCATTTA
 CAAGTGCACCCAAGCCCCTGCCCAATTCAGTGGACTGCTTTGTTTCCAGGCCACAGAGAAGACCATT
 TTCATGCTTTTATGCACAGCATTGCAGCCATCTCCTTGTACTCAATATCCTGGAAATATTTTCATCTCG
 GCATCAGGAAAATCATGAGGGCACTCGATGGCAATCCAGCAGTGGAACTGAGAACGAAACAGGCC
 TCCATTCCATTCAACAACTACTCAGGGACCCAGCAGTGTATGATCTGTTCTTCTTTACCTGAAAGAATC
 TCACTACTTCAAGCCAACAATAAACAGCAAGTCATCCGAGTCAATATACCACGGTCTAAAAGCATGTGGC
 AAATCCACACCCAGGCAACTTGAGGTAGATGTATCCTGTGGCAAAAGAGACTGGGCTGAGAAAATTGA
 GAGCTGTGCACAGCTCCACGTCACAGCCCCTGCCACATGACCGCAGTGCCAGAATTCAGCACCTGGA
 CAGCAACCGTGCCATTCTGTCTTTGGCCCCAAGAATGCAATGTCTCAGTCTTGGTTCGGTACAATGACGG
 CTTCTCAACACCGTCCATCATCTGCGTTAGAAACCTGGGAGCGATCCCAGGGCCAGAAGCTTCAGGGAG
 ATCTCTCACAGATCGCCAGAGTCACTTCCAAGGCAGTGACGGCAGTGCAAGAGAGAGTGGGGTTTGACA
 GACAGATTAGGCCAGGAAGTCGCAAGGCCAGCTTTCTATCGAGGCTGATGTGAGAAAAGGGACAACGGC
 ATAGTGACTCAGGAAGCTCACGGTCTCTGAATAGTTTCTGCTTGGATTTTTCACACGGAGAAAATAGCCC
 ATCACCTCTGCCGTCTGCCACTGGGCACAGAGCATCGATGGTAAGTAAAAGCAGCCATGTTGATTACCT
 CCTCACTCTTCTTTCATACATGAGACATATGTATATGTGTAT

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGDWNLLGGILEEVHSHSTIVGKIWLITLIFRMLVLGVAEDVWDEQSAFACNTQQPGCNICYDDAF
 PISLIRFWLQIIFVSSPSLVYMGHALYRLRDFEKQRQKKKLYLRAQMENPELDLEEQQRVDKELRRLEE
 QKRIHKVPLKGCLLRTYVLHILTRSVLEVGFMIQYIILYGFQMHPIYKCTQAPCPNSVDCFVSRPTEKTI
 FMLFMHSIAAISLLLNILEIFHLGIRKIMRALDGKSSSGNTENETGPPFHSTNYSGTQQCMICSSLPERI
 SLLQANNKQQVIRVNIIPRSKSMWQIPHRQLEVDVSCGKRDWAEKIESCAQLHVHSPCPHDRSARIQHPG
 QQPCHSVFGPKNAMSQSWFGTMTASQHRPSSALETWERSQGPESGRSLTDRQSHFQGSDDGSARESGVWT
 DRLGPGSRKASFLSRLMSEKQRHSDSGSSRSLNSSCLDFSHGENSPSPLPSATGHRASVMKSSSHVDSP
 PHSSFIIHETVYVVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010289

ORF Size:

1515 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_010289.2</u> , <u>NP_034419.2</u>
RefSeq Size:	1518 bp
RefSeq ORF:	1518 bp
Locus ID:	14610
UniProt ID:	<u>Q9WUS4</u>
Cytogenetics:	4 14.25 cM
MW:	57.6 kDa