

Product datasheet for **MR205470A1V**

Mouse Gja5 (NM_008121) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gja5 (NM_008121) AAV Particle
Tag:	Myc-DDK
Symbol:	Gja5
Synonyms:	5730555N10Rik; Cnx40; Cx40; Gja-5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR205470 representing NM_008121 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGTGACTGGAGCTTCCTGGGGAGTTCTGGAGGAGGTCCACAAGCACTCCACAGTCATCGGCAAGG
TCTGGCTCACTGTCCTGTTTCATTTCCGCATGCTGGTCTGGGCACCGCTGCTGAGTCTCTGGGGAGA
TGAGCAGGCCGACTTCCGGTGCATACCATTCAGCCTGGTTGCCAAAATGCTGCTATGACCAAGCCTTC
CCCATCTCCCACATTCGTTATTGGGTACTGCAGATCATCTTTGTGTCCACGCCTTCTCTAGTGTACATGG
GCCATGCCATGCACACTGTGCGCATGCAGGAAAAGCAGAAATTGCGGGATGCTGAGAAAGCTAAAGAGGC
CCACCGCACTGGTGCCTATGAGTACCCAGTAGCCGAAAAGGCCGAGCTGCTGCTGGAAGAAGTAGAT
GGGAAGATTGCTCTCCAGGGCACCTACTCAACACCTATGTCTGCACCATCTGATCCGCACCATCATGG
AGGTGGCCTTCATCGTAGGCCAGTACCTCCTCTATGGGATCTTCTGGATACCTGCATGTCTGCCGCAG
GAGTCCCTGTCCCAACCACTCACTGTTATGTTTCGAGGCCACGGAGAAGAATGTCTTCATTGTCTTT
ATGATGGCTGTGGCTGGACTGTCTGTTTCTCAGCCTGGCTGAACTCTACCACCTGGGCTGGAAGAAGA
TCCGACAGCGCTTTGGCAAGTCACGGCAGGGTGTGGACAAGCACCAGCTGCCTGGCCCTCCCAACAGCCT
CGTCCAGAGCCTCACTCCTCCCCTGACTTCAATCAGTGCCTAAAGAACAGCTCCGGAGAGAAATCTTC
AGCGACTTCAGTAATAACATGGGCTCCCGGAAGAATCCAGACGCTCTGGCCACTGGGGAAGTGCCAAACC
AGGAGCAGATTCCAGGGGAAGGCTTCATCCACATGCACTATAGCCAGAAGCCAGAGTACGCCAGTGGAGC
CTCTGCGGGCCACCGCTTCTCAGGGCTACCATAGTGACAAACGGCGCCTTAGTAAGGCCAGCAGCAAA
GCAAGGTCAGATGACCTGTCACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205470 representing NM_008121 Red=Cloning site Green=Tags(s) MGDWSFLGEFLEEVHKHSTVIGKVWLTVLFIFRMLVLGTAAESSWGDEQADFRCDTIQPGCQNVCYDQAF PISHIRYWVLQIIFVSTPSLVYMGHAMHTVRMQEKQKL RDAEKAKEAHR TGAYEYPVAEKAELSCWKEVD GKIVLQGTLLNTYVCTILIRTTMEVAFIVGQYLLYGIFDLTHVCRRSPCPHPVNCYVSRPTEKNVFIVF MMAVAGLSLFLSLAELYHLGWKKIRQRFGKSRQGVDKHQLPGPPTSLVQSLTPPPDFNQCLKNSSGEKFF SDFSNNMGSRKNPDALATGEVPNQEQIPGEGFIHMHYSQKPEYASGASAGHRLPQGYHSDKRRLSKASSK ARSDDL SV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008121
ORF Size:	1074 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_008121.2</u>
RefSeq Size:	3166 bp
RefSeq ORF:	1077 bp
Locus ID:	14613
UniProt ID:	<u>Q01231</u>
Cytogenetics:	3 42.04 cM
MW:	40.9 kDa