

Product datasheet for **RC219293A1V**

Human LGI4 (NM_139284) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LGI4 (NM_139284) AAV Particle
Tag:	Myc-DDK
Symbol:	LGI4
Synonyms:	AMC1; AMCNMY; LGIL3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219293 representing NM_139284
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGAGGGGAGGCATTCTGCTGCTGCTGCTGGCTGGGGCGGGGGTGGTGGCTGGAGACCCCAA
 AGGGAAAGTGTCCCTGCGCTGCTCCTGCTCTAAAGACAGCGCCCTGTGTGAGGGCTCCCGGACCTGCC
 CGTCAGCTTCTCTCCGACCTGCTGTCACTCTCACTCGTCAGGACGGGAGTACCCAGCTGAAGGCCGGC
 AGCTTCTGAGAATTCGCTCTGACCTGCTCCTCTTCACTCCAACCTCTTCTCCGTGATTGAGGACG
 ATGCATTTGCGGGCTGTCCACCTGCAGTACCTCTTCATCGAGGACAATGAGATTGGCTCCATCTCTAA
 GAATGCCCTCAGAGGACTTCGCTCGCTTACACACCTAAGCCTGGCCAATAACCATCTGGAGACCTCCCC
 AGATTCCTGTTCCGAGGCTGGACACCTTACTCATGTGGACCTCCGCGGGAACCCGTTCCAGTGTGACT
 GCCGCGTCTCTGGCTCCTGCAGTGGATGCCACCGTGAATGCCAGCTGGGGACCGGCCCTGTGCGGG
 CCCCCTCTCCGAGCCATGCAGCTCCACACCTCGACCCCAAGACTTCAAGTGCAGAGCCATAGAG
 CTGTCTGTTCCAGACGGTGGGGGAGTCGGCACTGAGCGTAGAGCCCTTCTCTACCAAGGGGAGCCTC
 ACATTGTGCTGGCACAGCCCTTCGCGGCCGCTGCCTGATTCTCTCTGGGACTACAGCTGCAGCGCTT
 CCGGCCGAGGAAGAGCTGCCCGCGGCTCCGTGGTGTCTGCAAGCCACTGGTGTGGGCCGAGCCTC
 TTCGTGCTGGCTGCCGCTGTGGGGGGCTCACAGCTGTGGGCCCGGCCAGTCCCGGCTGCGCTGG
 CCAAACGAGACCTGGCCCGCGGCGGCTGCTGCGGCCAATGACGCCGAGCTCCTGTGGCTGGAAGG
 GCAACCTGCTTCGTGGTGGCCGATGCCTCAAGGCGGGCAGCACACGCTGCTGTGCCGCGACGGGCC
 GGCTTTTACCGCAGCAGAGCTGCACGCTGGCACCGGGACACGACGCTGAGGCCCTGGAGCTGGAGC
 GCCGGCCACCTGCTGCTGGCTCGGCTTCCAGCGGCCGCTGCTTCCACTGGACCGGTGGCCGCTT
 CGAGAGACGCACAGACATCCCGAGGCGGAGGATGTCTATGCCACACGCCACTTCCAGGCTGGTGGGGAC
 GTGTTCTGTGCTCACAGCTACATTGGGACTCCATGGTATGCGCTGGGACGGCTCCATGTTTCGTC
 TGCTGCAGCAACTTCCCTCGCGCGGTGCCACGCTTCCAGCCACTGCTCATCGCCAGGACAGCTGGC
 CATCTAGGACGAGCTTCGCTTCCAGCAGGTCTCCGCTTGGAGCTGACAAGGGGCTCCTGGAGCCA
 CTGCAGGAGCTGGGGCTCCGGCCCTGGTGGCCCCCGTGCCTTTGCCACATCACTATGGCCGGCAGAC
 GCTTCTCTTTGCTGCTTGTAAAGGGCCACACAGATCTACCAGCATCACGAGATCGACCTCAGTGC
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219293 representing NM_139284
 Red=Cloning site Green=Tags(s)

MGGAGILLLLLAGAGVVAVRPPKKGKPLRCSKSDSALCEGSPDLPVSFSPTLLSLSLVRTGVTQLKAG
 SFLRIPSLHLLFTSNFSVIEDDAFAGLSHLQYLFIEDNEIGSISKNALRGLRSLTHLSLANNHLETLP
 RFLFRGLDTLTHVDLRGNPFQCDRCVLWLLQWMPTVNASVGTGACAGPASLSHMLHLLDPKTFKRAIE
 LSWFQTVGESALSVEPFYQGEPIVLAQPFAGRCLILSWDYSLQRFPEEELPAASVVSCKPLVLGPSL
 FVLAARLWGGSQLWARPSGLRLAPTQTLAPRRLLRPNDALLWLEGQPCFVVADASKAGSTLLCRDGP
 GFYPHQLSHAWHRDTEALELDGRPHLLLASASQRPVLFHWTGGRFERRTDIPEAEDVYATRFHQAGGD
 VFLCLTRYIGDSMVMRWGSMFRLLQLPSRGAVHFQPLL IARDQLAILGSDFAFSQVLRLEPKGLLEP
 LQELGPPALVAPRAFAHITMAGRRFLAACFKGPTQIYQHHEIDLSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_139284

ORF Size:	1611 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_139284.1</u>
RefSeq Size:	2814 bp
RefSeq ORF:	1614 bp
Locus ID:	163175
UniProt ID:	<u>Q8N135</u>
Cytogenetics:	19q13.11
MW:	59 kDa