

Product datasheet for **MR224432A1V**

Mouse Lgi2 (NM_144945) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lgi2 (NM_144945) AAV Particle
Tag:	Myc-DDK
Symbol:	Lgi2
Synonyms:	mKIAA1916
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR224432 representing NM_144945
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTATGGAGAGGCGGGCGCTGGGGTTGCTGCTGCTGAGCGCCGCTGCCTCATCCGCCGA
 GCGCGCAGGTGAGGCGGTTGGCGCGCTGCCCGCCACTTGCAGCTGTACCAAGGAGTCCATCATCTGCGT
 GGGCTCCTCTTGGGTGCCTAGGATCGTGCCTGGCGACATCAGCTCCCTGAGCCTAGTAAATGGAACATTT
 CTGAAATCAAGGACCGAATGTTTTCCACCTGCCCTCTCTGCAGCTGCTATTGCTGAATTCTAACTCAT
 TCACGGTGATCCGGGACGATGCCTTTGCTGGCCTTTTTTCATCTTGAATACCTGTTCAATGAAGGGAACAA
 AATAGAAACCATTTCAAGAAATGCCTTTTCGGGGCTCCGTGACCTGACTCACCTAGACTTAAGGGGTAAT
 AAATTTGAATGTGACTGCAAAGCCAAATGGCTGTATCTATGGCTGAAGATGACAACTCCACCGTCTCTG
 ATGTGCTGTATCGGTCCACCAGAATACCAGGAGAAGAACTCAACGAAGTACCAGCTTTGACTATGA
 GTGTACCACCACAGTCCCAGACTGATGAAGCCAAGCAGAGAGGATGGCAGTTGGAAGTCTCCCTGGGA
 TTTTGTGAACATATTTGTTTTCAACACCCACTCTCAGATTTTGTGCTTCATCAGACTCTGCCGTACC
 AGTCGGTGTGAGTACAGCTTCAACTCCAAGAACGATGTGTACGTGGCCATCGCTCAGCCCAGCATGGA
 GAACTGCATGGTGTGGAGTGGGACCACATAGAAATGAATTTCCGGAGTTATGACAATATCACAGGCCAG
 TCCATCGTGGGCTGCAAGGCCATCCTCATTGACGACCAGGTCTTTGTGGTGGTGGCCAGCTCTTCGGTG
 GCTCTCACATTTACAAATACGACGAGAGCTGGACCAAGTTTGTCAAGTCCAAGACATAGAGGTGTCTCG
 GATTTCCAAGCCCAACGACATTGAGCTGTTGAGATCGACGACGAGACCTTCTTCATCATCGCCGACAGC
 TCCAAAGCGGGCTGTCCACAGTTTACAAGTGAACAGCAAAGGGTTTTACTCTACCAGTCACTACATG
 AGTGTTCAGGGACACAGATCGGGAGTTTGTGACATCGACGGGAAGTCTCACCTCATCTGACCCG
 CTCCCAGTCCCATCATCCTGCAAGTGAATAAAAAGTTCCAAGAAGTTTGTCCCCATGGTGACATCCCC
 AATATGGAGGATGTGCTGGCTGTGAAGACTTCCGGATGCAGAACACCCTCTACCTTTCCCTCACCCGTT
 TCATTGGGGACTCGCGGTCATGCGTTGGAACAGTAAGCAGTTTGTGGAGGTCCAGGCTCTTCCTCCCG
 GGGGGCTATGACCTTGAACCCTTCTCCTTCAAAGATAACCACTACCTGGCCCTGGGGAGTGACTACAG
 TTCTCACAGATCTACCAGTGGGATAAAGAGAAACAGCAGTTTAAAAAGTTTAAAGAAATCTATGTGCAGG
 CGCCTCGTCTTACAGCCGTCTCCACCGACAGGAGATTTCTTTTTTGCATCCAGTTTCAAAGGGAA
 GACAAAGATTTTGAACATATCATTGTTGATTTAAGTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224432 representing NM_144945
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MALWRGGALGLLLLSAACLIPPSAQVRRRLARCPATCSCTKESIICVGSSWVPRIVPGDISSLVNGTF
 LEIKDRMFSHLPSLQLLLLNSNSFTVIRDDAFAGLFHLEYLFIEGNKIETISRNAFRGLRDLTHLDLRGN
 KFECDCAKWLYLWLMNTSTVSDVLCIGPPEYQEKLENEVTSFDYECTTGPQTDEAKQRGWQLELSL
 FCELIFFVQHPLSDFVHHQTLPYQSVSDVTFNSKNDVYVAIAQPSMENCMLVLEWDHIEMNFRSYDNITGQ
 SIVGCKAILIDDQVFVVVAQLFGGSHIYKYDESWTKFVKFQDIEVSRISKPNDIELFEIDDETFIIADS
 SKAGLSTVYKWNKGFYSYQSLHEWFRDTEAFVDIDGKSHLILSSRSQVPIILQWNKSSKFFVPHGDIP
 NMEDVLAVKSRMQNTLYLSLTRFIGDSRVMRWNKQFVEVQALPSRGAMTLQPFQFKNHNLALGSDYT
 FSQIYQWQKEKQFKFKEIYVQAPRSFTAVSTDRRDFFFASSFKGKTKIFEHIIVDLSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_144945

ORF Size:	1650 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_144945.2, NP_659194.1</u>
RefSeq Size:	1927 bp
RefSeq ORF:	1653 bp
Locus ID:	246316
UniProt ID:	<u>Q8K4Z0</u>
Cytogenetics:	5 C1
MW:	63.5 kDa