

Product datasheet for **MR223559A1V**

Mouse Lgsn (NM_153601) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lgsn (NM_153601) AAV Particle
Tag:	Myc-DDK
Symbol:	Lgsn
Synonyms:	Gluld1; lengsin; Lgs
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR223559 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGACGAAGGGGACCTCGCACAGGAGGACACAGCAAAGATGAAGGCAATGTGACTGAAGGCAGCA
 GGATGAGCAAACCTGAGAAGGGCAAGGAGAAAAGTCACCAAACCACATCTTTGCTCAATGGATGGGAAGA
 AATCGCCAAGGCCAATCCAGTGAGATGTCAGAAACCAATAGCAGATCTGAGCAAACCTGGCTCTGCT
 GAGTCTTGGTCTCGCACAGTGCCAAAGATGCCTACCACCCGACACCAGTGGTAAAAACCTCGCTTCCCA
 GTGCCTTAGCCGGTGCTCCTGATGCTGAATTCAGCCGAATACTGATCCACCCGGTACAATGCTCAGAG
 TTTTAACCCGCCTCACTTTCTGCTAGAATGAAACACATTAACAAGAAATGGCCAAAAACACCTCCAG
 TTTGTACGATTTGAAGCAACAGATTTGCACGGTGTCTCCAGATCTAAGAGCATCCCCGCACAGTTTTTTC
 AAGAAAAGTGATCCACGGAGTTTTTCATGCCCGTGGGTATCTGGAATTGATGCCGAACCTAAGGACAA
 TGAGGTGAATCACATAAGAGCCACATGCTTCAATAGTGATATAGTCCTCATGCCAGAGCTGTCGACCTTC
 AGAGTCTTGCCTTGGGCAGAGAGGACTGCGAGGGTGATTTGTGACACCTTCACAGTGACGGGCGAGCCTC
 TCCTGACATCCCCTAGGTACATCGCAAGAGGCAGCTGCGCCAGCTGCAGGACGCCGGCTTCTGCCTGCT
 GTCCGCTTTCATCTATGATTTCTGCATTTTGGTGTGCCCGAAGTGATCAATTCAAAGACCATATCTTTT
 CCTGCCTCCACATTACTAAGTAACCATGATCAGCCCTTCATGCAGGAAGTGGTTGAGGGCCTGTATCAGA
 CAGGGGCGAATGTGGAGAGCTTCTCCTCGTCTACCAGGCCTGGGCAGATGGAGATCTGTTTTCTCCAGA
 GTTTGGCATTAGCTCAGCTGATAATGCCTTTACCCTCAGAACAGGTCTCCAAGAAGTGGCCAGGAGATAT
 AATTACATAGCTAGCCTTGTAAATGAGACTGGATTCTGCAATTCAGGAATTTGTCTCATAGCATCTGGG
 ATGTGGCGGGAAGACAATATGTTCTGCAGTGGTTCTGGGGTGGAGAGGCTCAGCTCACCGGGAAGAA
 GTGGTTGGCAGGCCTGCTGAAGCACTCTGCCGGCTCTCAGCTGCCTGATGGCCCTGCGGTCAACTGTCGC
 AAGCGCTACTGAAGGACAGCAGAGACCTGAAGGACAGCGTGCCACCAGTGGGGATACAATGACAACA
 GCTGTGCCTTGAACATCAAGTGTGATGGTGA AAAAGGCACCCAGATAGAAAAAACTAGGGTCTGCAAC
 CGCAACCCCTTACCTGGTGTGGCGGCCACTGTGGCAGCAGGCTTGGATGGTCTTCAGAGCAGTGATGGT
 GCTGCGGCTGGTCCGATGAGAGTCAGGATCTCTATCAACCAGAACCTCCGAGATCCCTTTGAAGATGG
 AAGATGCCCTTGGCGCCTGGAGCAAGATGAGTGTCTGAAGCAGGCTCTGGGAGAGACTTTCATCCGCTA
 CTTTGTGCCATGAAGAAGTATGAACTGAAAAACGAAGAACAGATGCAGAGGGAATAAATTCCTGGAG
 TATTTTATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223559 protein sequence
 Red=Cloning site Green=Tags(s)

MTDEGDLAQEDTAKDEGNVTEGSRMSKLRARRKVTKPHLCSMDGEEIAKANSSEMSRNQIADLSKPGSA
 ESWSHSAKDAYHPTPVVKPSLPSALAGAPDAEFSPNTDPTRYNAQSFNPPQLSARMKHIKQEMAKNHLQ
 FVRFEATDLHGVSRSKSIQAQFFQEKVIHGVMFPRGYLELMPNPKDNEVNHIRATCFNSDIVLMPELSTF
 RVLPAERTARVICDTFTVTGPELLTSPRYIAKRQLRQLQDAGFCLLSAFIYDFCIFGVPEVINSKTISF
 PASTLLSNHDQPFMQELVEGLYQTGANVESFSSSTRPGQMEICFLPEFGISSADNAFTLRTGLQEVARRY
 NYIASLVIETGFCNSGILSHSIWDVGGKTNMFCSGSGVERLTLTGKKWLAGLLKHSALSLMAPAVNCR
 KRYCKSRDLKDSVPTTWGYNDSALNIKCHGEKGTQIENKLSATANPYLVLAAATVAAGLDGLQSSDG
 AAAGSDESQDLYQPEPSEIPLKMEDALAALAEQDECLKQALGETFIRYFVAMKKYELENEETDAEGNKFL
 YFI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_153601
ORF Size:	1692 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_153601.1</u> , <u>NP_705829.1</u>
RefSeq Size:	1911 bp
RefSeq ORF:	1692 bp
Locus ID:	266744
UniProt ID:	<u>Q8CIX8</u>
Cytogenetics:	1 B
MW:	62.2 kDa