

Product datasheet for **MR219254A1V**

Mouse *Lrrc4* (NM_138682) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Lrrc4</i> (NM_138682) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Lrrc4</i>
Synonyms:	MBAG1; Nag14; NGL-2; NGL2; NLG-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR219254 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGCTCTTGTGGCAGGTAACGTGACACACCTGGAATGCCGTCTGCTTCCCGTCGTCTACCTCA
 CGGCGCAAGTGTGGATTCTGTGTGCAGCCATCGCTGCTGCCGCTTCAGCCGGGCCCAAACTGCCCTC
 CGTCTGTTCTGCAGTAACCAAGTTCAGCAAGGTGGTGTGACCCGCCGGGACTCTCTGAGGTCCACAG
 GGTATTCCTTCCAACACCCGGTATCTCAACCTCATGAAAAACAACATCCAGATGATTCAGGCCGACACCT
 TCAGGCACCTCCATCACCTGGAGGTCTGCAGCTGGGCAGGAACCTCCATCAGGCAGATAGAGGTGGGGC
 CTTCAATGGCCTGCCAGTCTCAACACTCTGGAAGTGTTCGACAACTGGCTGACAGTATCCCCAGTGGG
 GCCTTTGAGTACCTGTCAAACCTGCGGGAGCTCTGGCTGCGAAACAATCCATTGAGAGCATCCCTTCTT
 ATGCCTTCAACCGGGTGCCCTCCCTCATGCGTCTGGACTTGGGGAACTCAAGAAGCTGGAGTATATCTC
 TGAGGGGGCTTTTGAGGGGCTGTCAACCTCAAGTACCTGAACCTGGGCATGTGCAACATTAAGGATATG
 CCCAATCTTACACCCCTGGTGGGCTCGAGGAGCTTGAGATGTAGGGAACCACTTTCTGAGATCAGGC
 CTGGGTCTTCCATGGCCTAAGCTCCCTCAAAAACTGTGGGTGATGAACTCACAGGTACGCCTGATTGA
 GCGGAATGCTTTTGACGACTGGCTTCCTCGTGGAACTCAACTTAGCCACAATAACCTCTCATCTTTG
 CCCCATGACCTCTTACACCCCTGAGATACCTGGTGGAGTTGCACCTACACCACAATCCTTGGAACTGTG
 ATTGTGATATTCTGTGGCTGGCTTGGTGGCTTCGGGAGTATATCCCAACCAATTCACCTGCTGTGGCCG
 CTGTGATGCTCCCATGCACATGCGAGGCCGCTACCTGGTAGAGGTGGACCAGGCTGCCTTTCAGTGCTCT
 GCCCTTTTCATCATGGATGCACCCCGGACCTCAATATCTCTGAGGATCGGATGGCAGAACTGAAGTGTG
 GGAATCCCCCTATGCTCTGTGAAGTGGTGTGCTGCCAATGGGACAGTGTCTCAGCCACGCTCCCGCA
 TCCCCGATCTCTGTTCTCAATGATGGACCTTGAACCTTTCTCGTGTGCTGCTCATAGACACTGGAGTA
 TACACATGCATGGTGACCAATGTGGCAGGCAACTCCAATGCCTCGGCCTACCTCAATGTGAGCTCGGCCG
 AGCTCAACACCCCAACTTCAGCTTCTTCAACCTGTAACAGTGGAAACCACAGAGATATCACCTGAGGA
 CATAACACGGAAGTACAAGCCTGTTCCACACATCCACTGGTTACCAGCCGGCATATACCACCTCTACC
 ACGGTGCTCATTAGACCACCCGTGTGCCAAGCAGGTGCCAGTACCCTCCACAGATACCACTGACAAGA
 TGCAGACCAGCCTGGATGAAGTCATGAAGACCACCAAGATCATCATTGGCTGCTTTGTGGCAGTGACTCT
 CCTAGTGCTGCCATGTTGATTGTCTTATAAACTTCGCAAGCGGCACCAGCAGCGGAGTACAGTCACA
 GCTGCCAGGACAGTAGAGATTATCCAGGTGGATGAAGACATCCAGCAGCAGCACCTGCAGCAGCAACAG
 CAGCTCCGTCCGTGTATCAGGTGAGGGGGCAGTAGTGTGTCCACAATACATGACCATATTAACATAAA
 CACCTACAAACAGCAGATGGGGCCACTGGACAGAAAACAGCCTGGGGAACCTCTCTGCACCCACAGTC
 ACCACTATCTCTGAACCTTATATAATTCAGACCCATACCAAGGACAAGGTACAGGAACTCAAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR219254 protein sequence Red=Cloning site Green=Tags(s) MKLLWQVTVHHTWNAVLLPVVYLTAQVWILCAAIAAASAGPQNCPSVCSCSNQFSKVVCTRRGLSEVPQ GIPSNTRYLNLMEENIQMIQADTFRHLHHLEVLQLGRNSIRQIEVGAFNGLASLNTLELFDNWLTVIPSG AFEYLSKLRELWLRNNPIESIPSYAFNRVPSLMRLDLGELKKLEYISEGAFEGFLNLKYLNLGMCNIKDM PNLTPLVGLEELEMNGHFEIRPGSFHGLSSLKKLWVMNSQVSLIERNAFDGLASLVELNLAHNNLSSL PHDLFTPLRYLVELHLHNPWNCDILWLAWWLREYIPTNSTCCGRCHAPMHMRGRYLVEVDQAAFQCS APFIMDAPRDLNISEDMAELKCRTPPMSSVKWLLPNGTVLSHASRHPRISVLNDGTLNFSRVLLIDTGV YTCMVNTVAGNSNASAYLVSSAELNTPNFSFFTTVTVETTEISPEDITRKYKVPVTTSTGYQPAYTTST TVLIQTTRVPKQVPVPSDTDDKMQTSLDEVMTTKIIIGCFVAVTLLAAAMLIVFYKLKRHHQQRSTVT AARTVEIIQVDEDIPAAAPAAATAAPSGVSGEGAVVLSTIHDHINYNTYKPAHGAHWTEENSLGNSLHPTV TTISEPYIIQHTKDKVQETQI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_138682
ORF Size:	1956 bp
Buffer:	PBS with 0.001% Pluronic F2950
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_138682.2, NP_619623.2</u>
RefSeq Size:	3636 bp
RefSeq ORF:	1959 bp
Locus ID:	192198
UniProt ID:	<u>Q99PH1</u>
Cytogenetics:	6 A3.3
MW:	72.6 kDa