

## Product datasheet for **MR219263A1V**

### Mouse Lman1 (NM\_001172062) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lman1 (NM_001172062) AAV Particle
Tag:	Myc-DDK
Symbol:	Lman1
Synonyms:	2610020P13Rik; AI326273; AU043785; C730041J05; ERGIC53; F5F8D; gp58; MCFD1; MR60; P58
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR219263 representing NM\_001172062  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGTGTCCAGGCGGAGGGTCCCCAGGCTGGAGCGCGGTCTTCTCTGCGCCCTGCTGCTGTCTT  
 TCAGCCAAATTCACGGGAGCGACGGCACGGGAGGCGACGCTGCGGCTCCCGCGCCGCGGGCACCCAGGC  
 CGAGTTGCCACACCGCGTTTCGAGTACAAATACAGCTTTAAGGGCCGCATCTGGTGCAGAGCGATGGG  
 ACCGTGCCCTTTGGGCCACGCGGGGAATGCTATTCCAAGTGCAGATCAGATTCGAATAGCGCCGTCAT  
 TAAAAAGCAAAGAGGTTCCGTGTGGACCAAAGCAAAGCAGCCTTCGAGAACTGGGAAGTGAAGTGAC  
 ATTCGAGTGACCGGAAGAGGTCGAATTGGAGCCGATGGCTTAGCAATTTGGTATACAGAAAATCAAGGC  
 TTGGACGGCCCTGTGTTGGATCAGCTGATACGTGGAATGGTGTGGAATATTTTTGATTCTTTTGACA  
 ATGATGAAAAGAAAAAATATCCTGCTATAGTAGTTATAGGCAACAATGGACAAAATCAATTATGACCATCA  
 AAATGATGGTGCCACTCAAGCTTAGCGAGTTGTCAGAGGGACTTTCGTAATAAACCCCTATCCTGTCCGG  
 GCAAAGATTACGTATTACCAGAAGACACTGACAGTCATGATCAATAATGGCTTTACACCAGATAAAAAATG  
 ATTATGAATCTGTGCCAAAGTGAAAACATGGTTATCCCCACACAAGGTCATTTGGGATATCAGCGGC  
 AACAGGGGACTTGCAGATGACCACGACGTTCTTTCTTCTGACTTTCCAAGTACCGAGCCTGGAAAA  
 GAGCCACCTACAGCAGAAAAAGACATTTAGAAAAAGAAAAGAAAAGTATCAAGAGGAGTTTGAGCACT  
 TCCAGCAAGAATTAGACAAGAAGAAGGAGGAATTCAGAAGGGCCACCCTGACCTCCAGGGGCAGCCAGC  
 GGATGACATCTTCGAGAGCATAGGCGATCGGGAGCTGAGACAGGTGTTGAAGGACAGAATCGTATTTCAT  
 CTGGAGATCAAGCAGCTGAACCGGCAGCTGGATATGATTCTTGATGAACAGAGGAGTACGTCTCGTCCC  
 TGACAGAGGAGATCTCCAGGAGAGGAGCAGGAACCCCGGACAGCCTGGCAGGTCTCTCAGCAGAACT  
 GGACACCGTTGTGAAGAGCCAGCAGGAGATTCTGAGACAAGTGAATGAGGTGAAGAACTCCATGAGTGAA  
 ACTGTGCGGCTGGTGAAGTGCATCCAGCACCCGGGCTCAGCAGGCGTCTACGAGACAACCTCAGCACTTCA  
 TGGACATCAAGGAACACCTGCACGTGGTGAAGAGAGATATCGACAGCCTCGCACAGCGCAGCATGCCATC  
 TAATGAAAAACAAAATGCCAGACCTACCACCATTCCCGTCGTCTATCCACGATCCACTTTGTGATA  
 TTTGTAGTGGTGCAGACAGTGTGTTGCTTGGCTATATCATGTACAGGACTCAGCAAGAAGCAGCTGCCA  
 AAAAATCTTT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR219263 representing NM\_001172062  
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MAVSRRRVPQAGARSFFCALLLSFSQFTGSDGTGGDAAAPGAAGTQALPHRRFEYKYSFKGPHLVQSDG  
 TVPFWAHAGNAIPSADQIRIAPSLKSQRGSVWTKAKAAFENWEVEVTFRVTGRGRIGADGLAIWYTENQG  
 LDGPVFGSADTWNGVGIFDFDNDGKKNPAIVVIGNNGQINYDHQNDGATQALASCQRDRFNKPYVPR  
 AKITYYQKTLTVMINNGFTPDKNDFEYCAKVENMVIPTQGHFGISAATGGLADDDHVLFLTFQLTEPGK  
 EPPTAEKDISEKEKEYQEEFEHFQQLDKKKEEFQKGHPLDQGPADDIFESIGDRELQVFEQNRH  
 LEIKQLNRQLDMILDEQRRYVSSLTEEISRRGAGTPGQPGQVVSQQLDVTYVKSQQEILRQVNEVKNMSME  
 TVRLVSGIQHPGSAGVYETTQHFMDIKEHLHVVKRIDSLSLAQRSMPSNEKPKCPDLPFPFSPCLSTIHFVI  
 FVVVQTVLQVGYIMYRTQQEAAAKKFF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001172062

**ORF Size:**

1554 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001172062.1, NP_001165533.1</u>
<b>RefSeq Size:</b>	1742 bp
<b>RefSeq ORF:</b>	1554 bp
<b>Locus ID:</b>	70361
<b>UniProt ID:</b>	<u>Q9D0F3</u>
<b>Cytogenetics:</b>	18 E1
<b>MW:</b>	57.8 kDa