

## Product datasheet for **MR207694A1V**

### Mouse Letm2 (NM\_173012) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Letm2 (NM_173012) AAV Particle
Tag:	Myc-DDK
Symbol:	Letm2
Synonyms:	6030453H13; D030041N04Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207694 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCTTCTACAGTTATAATTCATTCTTAGCTATTTTCTGGACAAGACTGCCTGGCCATTCTGTGTACC  
 CTTCTGCTCTCATTTCCCATCACTTGCATTTCTCCACTTGCCAGATTCTCACTTGCCTACAGCCTACAT  
 TAAAACTGCGGAAGCAGGAAGTACTCCTATCCAGTCTAACAGGCAATAATAAAGTCCATCCCTTACGG  
 ACCAGGCTCCCAAAAACTGCACACAACCTGTGGTACAACATGTCCCTGGCAAACCTCAGCTGGAGC  
 AAACAGGGAAGCCAAAGGCAGCAAGCCCTCAGCCTACCAAGAAGCCAAGACAGAGACTACAGAAGAAA  
 GCGGTCGTTGAGACAAAAATTTGTAATGAACCTAAATACTATTACAAAGGATTCAGCTTGTCTTGGATT  
 GACACCAAAGTCGCTGCCAGAATAGTGTGGAGGCTACTGCATGGTAATGCGCTAACAGACGAGAGAGGC  
 GAAGGCTGTTGAGAACGTGTGCCGATGTCTCCGCTTGGTTCCATTTATGGTGTTCATAATTGTACCTTT  
 TATGGAGTTCTTGATACCACTGTTTCTGAAGCTCTTCCAGACATGTTGCCATCAACTTTTGAAAGTGAA  
 TCCAAAAAGGAAGAAAAACAGAAAAACGATGGCTGCCAAACTGGAAATAGCAAAATTCCTTCAAGAAA  
 CAATGACAGAGATGGCGAGGAGAAACCGAGCGAAGCTGGGAGATGCATCTTCCAGCTTTCCTCCTATGT  
 GAAACAGGTCCAAACAGGTACAAAGCCCTCCACGAAGGAGATAGTTAGGTTCTCCAAACTCTTCAAGGAT  
 CAGTTAGCCCTGGAACACTTAGACCGGCCCCAGCTGGTTGCCCTGTGCAAGCTGCTGGAAGTGCAGACCT  
 TCGGAACAAACAATCTGCTCCGCTTCCAGCTCCTGATGACACTGAAGTCTATAAAAGCAGATGATGAAAT  
 AATTGCCAAAGAAGGGGTGAAGGCTTTGAGTGTGCAGAACTGCAGTCTGCGTGCCGGCCCGGGGGATG  
 AGGTCGCTGGGCTCACTGAGGAGCAACTGTGCCAGCAGCTCACAGGGTGGCTGGACCTCCAATGAAGG  
 AGAAGTCCCTCCTTCTTTTGTCTCCTGTCCGCACTTCTACCTGATAGATGTGAAGCCAAAGCCTAT  
 TGAACCTCCACCGAATATAGAGACTCCAAGCCAAACCTTGAATACCGACACCTCCACCCCGGAGTCA  
 AAGGAGAACCTCACAGACTCTGCACCTCAGCTGAAGGGAACGAAGGATGAAGAATTTATACAAGTCCCC  
 CAGTACCGTCATCACTCATAGCACCAGCAGCAACTATTTCCAAAGAAGCAATCCTCCAGGCCAAGTCCCA  
 GGAGACCTCACAGAACAGCAAGGCTGATTCCAAAGGAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207694 protein sequence  
 Red=Cloning site Green=Tags(s)

MAFYNSYNSFLAIFWTRLPGHSVYPSCSHFPSLAFHLHPDHLRTAYIKNCGSRKYSYPSLTGNNKVHPLR  
 TRLPQKLHTTCWLQHVPQKQLEQTGPKAASQPTKEAKTETTEEKRSRQKIVNELKYYYKGFSLWI  
 DTKVAARIVWRLLHGNALTRRERRRLLRTRCADVFRLVPFVFIIVPFMEFLIPVFLKLPDMLPSTFESE  
 SKKEEKQKKTMAAKLEIAKFLQETMTEMARRNRAKLGDAASSQLSSVYKQVQGTGHPSTKEIVRFKFKD  
 QLALHLDRLPQLVALCKLLELQTFGTNLLRFQLLMTLKSIAKADDEIIAKEGVKALSVSELQSACRARGM  
 RSLGLTEELCQQLTGWLDLHLKENVPPSLLLLSRTFYLIDVKPKPIELPPNIETPKPNLGIPTPPPPES  
 KENLTDSPQLKGTKDEEFIQLPPVPSLIAPAATISKEAILQAKSQETSQNSKADSKGA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_173012

**ORF Size:**

1443 bp

**Buffer:**

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_173012.3, NP_766600.2</u>
<b>RefSeq Size:</b>	2115 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	270035
<b>UniProt ID:</b>	<u>Q7TNU7</u>
<b>Cytogenetics:</b>	8 A2
<b>MW:</b>	54.5 kDa