

Product datasheet for **MR218225A1V**

Mouse Slc38a11 (NM_177074) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc38a11 (NM_177074) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc38a11
Synonyms:	9330158F14Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218225 representing NM_177074
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTATCAGCAGCCACAGCTGAGCGGTCTCTGCAGAGAGAGACAGACTCGAGTGACAGAGAAAGCC
 TGATCTCCGGACATGAACACGGAGGAAATCTAGTCAGTCTGCCGCTGTTTTCAATGTAGTCAATTCTGT
 TATAGGATCTGGGATAATAGGATTGCCTTATTCAATGAAGCAAGCTGGATTTCCCTTGGGAATACTGCTT
 TTATTCTTGGTCTCATACATCACAGACTTCTCCCTAGTTTTATTGATAAAAGGAGGAGCCCTCTCTGGAA
 CAGACTCTACCACTCTTTGGTTAAACAAGACCTTTGGCTTTCCCGGTACCTGCTGCTCTCTACCTACA
 GTTTATGTACCTTTCTAGCTATGATAAGTTACAACATAATAACTGGAGATACTTTGAGCAAAGTTTTT
 CAAAGACTCCCAGGAGTTGACCCTGGAGTTGGTTTATTAGTCGGCACTTCATTATTGGTTTCAACGG
 TTACATGTACTCTGCCATTGTCCTGTACCGAGATATAGCAAAGCTTGAAAGATCTCTTTCATCTCTAC
 AATTTTAACTGTAATTCTTGAATCGTAATGACAAGGGCCATTTCTTGGGACCAACATACCAAAG
 ACAGACAATGCTTGGGTGTTTGAAAGCCAATGCCATCCAGGCTATTGGGGTGATGTCTTTGCGTTCA
 TTTGCCACCATAACTGCTTCTAGTCTATGTTCTCTCGAAGAGCCACAGTAGCGAAGTGGCGCCGGAT
 TATCCACACATCCATCTTGGTTTCTGTATTCTGTGTGCTCTTTGCAACGTGCGGGTACTTCACTTTT
 ACTGGCTTCACTCAAGGAGACTTGTGTTGAAAATTACTGCAGAAGTGATGACCTGGTGACCTTTGGGAGGT
 TTTGTTATGGTATCACTGTCAATTTGACTTACCGATTGAATGCTTTGTGACCAGAGAGGTAATTGCCAA
 TGTGTTTTTGGTGGGACTCTTTCATCAGTGTCCACACCGCTTAGCAGTGCTTATCGTTACTGCAGCC
 ACCTGGTATCATTGATGATTGAGTGCCTTGAATAGTTTTAGAACTCAATGGTGTGCTCTGCGCGGCTC
 CTTTGATTTTTATCATCCCTCAGCTTGCTATCTGAAATTATCCGAAGAACCAAGGACACATTCGATAA
 GATAATGGCCTGTGTATGTTTCCCGTCGGGGCGGTGGTGATGGTGGTAGGCTTCGTCTATGGCTATCACA
 AATCCTCAGGACTGCACCCAGGGCAGGAAATGTTCTACTGCTTCTGAAAATGTCTCCTTCACAAACA
 CCTCCTGGTCTCATCTTCAACTGACAACA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSYQQPQLSGPLQRETDSSDRESLISGHEHGGKSSQSAAVFNVVNSVIGSGIIGLPYSMKQAGFPLGILL
 LFLVSYITDFSLVLLIKGGALSGTDSYQSLVNKTFGFPGYLLSTLQFMYPIAMISYNIITGDTLSKVF
 QRLPGVDPGGWFISRHFIIIVSTVTCTLPLSLYRDIKLGKISFISTILTTVILGIVMTRAIISLGNIPK
 TDNAWVFAKPNAIQAGVMSFAFICHHCNCLVYGSLEEPTVAKWRIIHTSILVSFICVLFATCGYFTF
 TGFTQGDLFENYCRSDDLVTFRFCYGITVILTYPIECFVTREVIANVFFGGTSSVFHTVLAVLIVTAA
 TLVSLMIECLGIVLELNGVLCAAPLIFIIPSACYLKLSEEPRTSDKIMACVMFPVGAVVMVGVFVMAIT
 NPQDCTHGQEMFYCFPENVSFTNTSWSHLQLTT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_177074

ORF Size:

1359 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_177074.2, NP_796048.2</u>
RefSeq Size:	1606 bp
RefSeq ORF:	1362 bp
Locus ID:	320106
UniProt ID:	<u>Q3USY0</u>
Cytogenetics:	2 C1.3
MW:	50.1 kDa