

Product datasheet for **MR207394A1V**

Mouse Slc38a7 (NM_172758) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc38a7 (NM_172758) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc38a7
Synonyms:	D430050E18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207394 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

 ATGGCCCAGGTCAGCATCAACAGTGAACAGCGGCGAGTGGGCTTCCAGCACTGATGCTGGGGAGCGGG
CCCGTTTGTCTCCAAAGTCCCTGTGTGGACGTGGTACCTAAGAGTGAGGGGGAGGCGTCTCCTGGAGATCC
AGACAGCGGCACCACTTCGACCCCTTGGAGCCGCTTTCATCGTCGTCATGCCTGCCTCGGTGCGGGTCTG
CTCAACTTCCCAGCAGCCTTCAGCACTGCTGGGGCGTGGCAGCTGGCATCGCCCTGCAGATGGGCATGC
TGGTTTTATCATCAGTGGGCTGGTCACTTCTGGCCTACTGCTCTCAAGCCAGCAATGAGAGGACCTACCA
GGAGGTGGTGTGGCCGTGTGTGGCAAGCTGACAGGTGTGTGTGTGAGGTAGCCATTGCGGTCTATACC
TTCGGAACCTGCATCGCCTTCTCATCATTATTGGGGACAGCAGGACAAGATTATAGTTGTGATGTGCA
AGGAGCCGGATGGGGCCAGCGGAGCCCTGGTACACAGACCGCAAGTTCACCATCAGTCTTACCGCCTT
CCTCTTCATCCTGCCCTGTCCATCCCAAGGAGATTGGCTTCCAGAAATATGCCAGCTTCTGAGCGTC
GTGGGGACCTGGTACGTACCGCCATTATAATCATCAAATACATCTGGCCAGATAAAGAGATGCGCCCGG
GGGACATCTTGACTAGACCAGCGTCTGGATGGCTGTGTTCAACGCCATGCCACCACCTGCTTTGGATT
TCAGTGTGATGTGAGTAGTGTACCCGCTTCAACAGCATGCGGCAGCCGAAAGTAAAGACCTGGGGCGGA
GTGGTGACGGCTGCCATGGTCATAGCTTGGCTGTCTACATGGGCACAGGCATCTGTGGCTTCTTAACCT
TTGGAGCTGCTGTGGACCCGACGTGCTCCGGTCTACCCCTCAGAGGACGTGGCTGTGGCCGTTGCCCG
AGCCTTCATCATCCTGAGTGTGCTCACCTCTTATCCATCCTGCACTTCTGTGGCGGGCTGTGGTGAA
GGCCTGTGGCTGCGCTACAAGGGGATGCCCGTGGAGGAGGATGTGGGCCGGGAGCGCCGCGCGGGTCC
TGCAGACGCTGGTGTGGTTCCTGCTAACCTTGCTACTGGCGCTCTTATCCCTGACATTGGCAAGGTCAT
CTCGGTACATCGGAGGCTGGCAGCCTGCTTCATCTTCATCTTCCAGGGCTGTGCCTCATTCAAGCCAAA
CTATCAGAGATGGAGGAGGTCAAACCTGCCAGCTGGTGGGCACTGGTCAGTTACGGAGTCCTTCTGGTCA
CATTGGGAGCCTTCATCTTCGGCCAGACCACAGCCAATGCCATTTTGTGGATCTCTTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207394 protein sequence

Red=Cloning site Green=Tags(s)

 MAQVSINSYSGEASSTDAGERARLLQSPCVDVVPKSEGEASPGDPDSTLGLAVFIVVNAACLGAGL
LNFPAAFSTAGGVAAGIALQMGLVFIISGLVILAYCSQASNERTYQEVVWAVCGKLTGVLCEVAIAVYT
FGTCIAFLIIIGDQDKIIVMSKEPDGASGSPWYTDKFTISLTAFLFILPLSIPKEIGFQKYASFLSV
VGTWYVTAIIIIKYIWPDKEMRPGDILTRPASWMAVFNAMPTICFGFQCHVSSVPVFNSMRQPEVKTWGG
VVTAAVMIALAVYMGTCIGFLTFGAAVDPDLRSYPSEDVAVAVARAFIILSVLTSYPILHFCGRAVVE
GLWLRYGMPVEEDVGRERRRRVLQTLVWFLTLALLFIPDIGKVISVIGGLAACFIFIFPGLCLIQAK
LSEMEEVKPASWWALVSYGVLLVTLGAFIFGQTTANAIFVDLLA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_172758

ORF Size:

1392 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_172758.1, NP_766346.1</u>
RefSeq Size:	3282 bp
RefSeq ORF:	1392 bp
Locus ID:	234595
UniProt ID:	<u>Q8BWH0</u>
Cytogenetics:	8 D1
MW:	50 kDa