

Product datasheet for **MR208711A1V**

Mouse Slc38a4 (NM_027052) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc38a4 (NM_027052) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc38a4
Synonyms:	1110012E16Rik; 1700012A18Rik; Ata3; mATA3; mNAT3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208711 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACCCCATGGAACGAACAACGTCAGCATCGAACCCGACGGAGACAGCTGCAGCGGGGACAGTATTC
 AGGACAGCTACACCGGCATGGAAAACCTCGACAAGGACGCCATGAACAGCCAATTTGCTAATGAAGATGC
 CGAAAGTCAGAAGTTCCTGACAAATGGGTTTTAGGGAAGAAGAAGCTAGCCGATTACGCGGATGAGCAT
 CACCCTGGAATGACTTCTTTGGAATGCTCTATTAACTGAGCAACGCCATCATGGGCAGTGGGATCT
 TAGGCTTGTCTATGCCATGGCCAACACCGGGATCATCTTTTATAATCATGCTGCTTACTGTGGCAAT
 ACTCTCGCTCTACTCGGTTACCTTTTGTGAAGACAGCAAGGAAGGAGGTCTCTAATCTATGAAAAA
 TTGGGCGAGAAAGCATTTGGATGGCCTGGGAAAATTGGAGCCTTCATCTCTATTACAATGCAGAACATTG
 GAGCCATGTCAAGCTACCTCTTCATCATTAAAGTACGAAGTGCCTGAAGTAATCAGAGCATTTCATGGGACT
 TGAAGAAAACACTGGGAATGGTACCTCAACGGCAACTACCTCGTCTTATTTGTGTCGCTGGGGATCATC
 CTCCCGCTCTCTCTCTTAAAAATTTAGGCTACCTGGCTACACCAAGTGGATTTCTCTCTCTGCTGATGG
 TGTTTTCTGTCAGTGTGGTGATTACAAAAATTCCAAATTCCTGCCCTCTGCCTGCTCTGGATCACAA
 CAACGGAATCTGACGTTCAACAACACACTTCCGATTCACATGATCTCGCTGCCTAATGACTCGGAGAGC
 TCGGGTGTGAACCTCATGATGGATTACGCTCACCACAACCCAGCTGGGCTGGATGAGAAGCAGGTGCGAG
 GCCCTCTTACAGCAATGGCGTGGAGTACGAAGCCAGGGTCTGAGAAATGCCAACAAAATACTTTGT
 GTTCAATTCGGGACGGCCTATGCAATCCCAATCCTGGCTTTTGTCTTGTCTGCCACCTGAGGTCTT
 CCCATCTACAGCGAGCTTAAAGATCGATCCCGCAGAAAGATGCAGACGGTGTCCAACATTTCCATCTCAG
 GCATGCTCGTCATGTACCTTCTTGGCGCCCTCTTTGGTTATCTGAGCTTCTACGGGGACGTTGAAGACGA
 GCTGCTGCATGCTTACAGCAAGGTCTACACATTTGATACGGCTCTTCTCATGGTGGCGCTGGCAGTCTCG
 GTGGCAGTGACACTGACCGTGCCCATCGTGCTGTTCCCGATCCGTAATTCGCTGATCACACTGCTGTTTC
 CAAGGAAACCTTCAGCTGGCTGAAGCATTTGGGATCGCTGCAATCATCATCGCACTCAACAACATCCT
 GGTCATCCTCGTGCCTACCATCAAATACATCTTTGGATTATAGGGGCTTCTTCTGCCACTATGCTGATT
 TTCATTCTTCCGGCTGCGTTTTATCTCAAGCTCGTCAAGAAAGAACCTCTAAGATCACCCAGAAGATTG
 GGGCTTTGGTCTTCTTGTGACTGGAATTATTTTCATGATGGGAAGCATGGCGCTCATTATACTCGACTG
 GATCTACAACCCGCCGAATCCCAATCACCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208711 protein sequence
 Red=Cloning site Green=Tags(s)

MDPMELNNVSIIEPDGDSGDSIQDSYTMENSDKDAMNSQFANEDAESQKFLTNGFLGKKKLADYADEH
 HPGMTSFGMSSFNL SNAIMGSGILGLSYAMANTGIILFIIMLLTVAILSLYSVHLLKTAKEGGSLEYEK
 LGEKAFGWPGKIGAFISITMQNIGAMSSYLFIIKYELPEVIRAFMGLEENTGEWYLNNGNYLVLFVSVGII
 LPLSLLKNLGYLGYTSGFSLSCMVFFVSVVIYKKFQIPCLPALDHNNGLTFNNTLPIHMISLPNDSSES
 SGVNFMMDYAHNHPAGLDEKQVAGPLHSNGVEYEAQGAEKCPKYFVFNSRTAYAIPIFAFVCHPEVL
 PIYSELKDRSRKMQTVSNISISGMLVMYLLAALFGYLSFYGDVEDELLHAYSKVYTFDALLMVRALV
 VAVTLTVPIVLPFIRTSVITLLFPRKPFSLKHFHGAIIIALNNILVILVPTIKYIFGFIGASSATMLI
 FILPAAFYKLKVKKEPLRSPQKIGALVFLVTGIIFMMGSMALIILDWIYNPPNPNHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027052

ORF Size:	1641 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_027052.2, NP_081328.2</u>
RefSeq Size:	3932 bp
RefSeq ORF:	1644 bp
Locus ID:	69354
UniProt ID:	<u>Q8R1S9</u>
Cytogenetics:	15 F1
MW:	60.5 kDa