

Product datasheet for **MR220834A1V**

Mouse Slc38a3 (NM_023805) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc38a3 (NM_023805) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc38a3
Synonyms:	0610012J02Rik; D9Ucla2; mNAT; Nat1; Slc38-3; Sn1; Snat3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220834 representing NM_023805
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATACCCCGACAGACAGAGATGGTGGAGCTGGTGCCCAATGGCAAACACTTGGAGGGCTTCTAC
 CAGTGGGCGTGCCTACAACAGACACCCAGAGGACTGAAGACACCCAACACTGTGGAGAGGCAAGGGCTT
 CCTTCAGAAGAGTCCCAGCAAGGAGCCACACTTCACCGATTCGAGGGGAAGACATCATTTGGGATGTCA
 GTGTTCAATCTCAGCAACGCCATCATGGGCAGTGAATTCTGGGGCTCGCTACGCCATGGCCAATACGG
 GCATCATCCTTTTCTGTTCTGCTTACAGCGGTGCGCCTGTTGTCTAGCTATTCCATCCACCTGCTCCT
 CAAGTCTTCGGGGATTGTGGGCATCCGTGCCTACGAGCAGTGGGCTACCGTGCCTTTGGGACCCCGGG
 AAGCTGGCAGCAGCCCTGGCCATTACGCTTCAGAACATTGGAGCCATGTCCAGCTACCTATACATCATCA
 AGTCTGAATTGCCTCTTGTCATACAGACCTTCTGAATCTGGAGAAGCCGGCCTCGGTGTGTACATGGA
 TGGCAACTACCTTGATCCTGGTTTCTGTACCATCATTCTGCCCTAGCACTGATGCGACAGCTCGGC
 TACCTGGGTACTCCAGTGGCTTCTCTCAGCTGCATGGTGTCTTCTTGATCGCAGTCATCTATAAGA
 AGTTCCAAGTTCCTTGCCCATTTGGCACACAACCTGGCCATGCCACCGGCAACTTCAGCCACATGGTGGT
 GGCAGAGGAGAAGGCACAGCTGCAGGGCGAGCCTGACACTGCTGCTGAGGCCTTCTGTACCCCAAGCTAC
 TTCACCTCAACTCACAGACAGCATACACCATCCCCATCATGGCTTCGCCTTCGTCTGCCACCTGAGG
 TGCTGCCCATATATACAGAGCTCAAGGACCCCTCCAAGAGGAAGATGCAGCACATCTCCAACCTGTCCAT
 TGCTGTGATGTATGTACTTCTGGCGGCCCTCTTCGGCTACCTCACCTTCTACGACGGGTGGAG
 TCGGAGCTGCTGCACACTACAGCAAGTGGACCGTTTGTATGTGCTGATCTTGTTGTGTGCGAGTGGCCG
 TGCTGATAGCGGTCACACTTACAGTTCGATTGTTCTGTTCCCGGTACGACGTGCTATCCAGCAGATGCT
 GTTTCAGAACCAGGAGTTCAGCTGGTTGCGGCACGTGCTCATTGCCACTGGCCTGCTTACGTGCATCAAT
 CTGCTGGTTATCTTCGCCCCAACATCTTGGGCATATTTGGGATCATTGGTGCCACATCTGCTCCGTGCC
 TCATCTTCATCTTCCCTGCCATCTTCTACTTCCGAATCATGCCACTGACAAGGAGCCTGCAAGATCCAC
 CCCTAAATCCTGGCCCTTTGTTTCGCTGCGGTTGGCTTCTGCTGATGACCATGAGCCTGAGTTTCATC
 ATCATTGACTGGGTCTCTGGGACCAGCCAGCATGGAGGAAACCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MEIPRQTEMVELVPNGKHLEGLLPVGPPTTDTQRTEDTQHCGEKGFLQKSPSKEPHFTDFEGKTSFGMS
 VFNLNAIMGSGILGLAYAMANTGIILFLFLLTAVALLSSYSIHLLKSSGIVGIRAYEQLGYRAFGTPG
 KLAALAITLQNIAMSSYLYIIKSELPLVIQTFNLNLEKPASVWYMDGNYLVILVSVTIIILPLALMRQLG
 YLGYSSGFSLSMVFFLIAVIYKKFQVPCPLAHNLANATGNFSHMVVAEEKAQLQGEPDTAAEFCTPSY
 FTLNSQTAYTIPIMAFAFVCHPEVLPIYTELKDPSKRKMQHISNLSIAVMYVYFLAALFGYLTIFYDVE
 SELLHTYSKVDPDFDLILCVRVAVLIAVTLTVPIVLPVRRAIQMLFQNFQESWLRHVLIAATGLLTICIN
 LLVIFAPNILGIFGIIGATSAPCLIFIFPAIFYFRIMPTDKEPARSTPKILALCFAAVGFLMTMSLSFI
 IIDWVSGTSQHGGNH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_023805

ORF Size:

1515 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_023805.3</u> , <u>NP_076294.2</u>
RefSeq Size:	2622 bp
RefSeq ORF:	1518 bp
Locus ID:	76257
UniProt ID:	<u>Q9DCP2</u>
Cytogenetics:	9 58.69 cM
MW:	56 kDa