

Product datasheet for **MR230288A1V**

Mouse Slc38a3 (NM_001199217) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc38a3
Synonyms:	0610012J02Rik; D9Ucla2; mNAT; Natl; Slc38-3; Snl; Snat3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230288 representing NM_001199217
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGATACCCGACAGACAGAGATGGTGGAGCTGGTGCCCAATGGCAAACACTTGGAGGGGCTTCTAC
 CAGTGGGCGTGCCTACAACAGACACCCAGAGGACTGAAGACACCCAACACTGTGGAGAGGGCAAGGGCTT
 CCTTCAGAAGAGTCCCAGCAAGGAGCCACACTTCACCGATTTCGAGGGGAAGACATCATTTGGGATGTCA
 GTGTTCATCTCAGCAACGCCATCATGGGCGAGTGAATTCTGGGGCTCGCCTACGCCATGGCCAATACGG
 GCATCATCCTTTTCTGTTCTGCTTACAGCGGTCGCCCTGTTGTCTAGCTATTCCATCCACCTGCTCCT
 CAAGTCTTCGGGGATTGTGGGCATCCGTGCCTACGAGCAGTTGGGCTACCGTGCCTTTGGGACCCCGGGG
 AAGCTGGCAGCAGCCCTGGCCATTACGCTTCAGAACATTGGAGCCATGTCCAGCTACCTATACATCATCA
 AGTCTGAATTGCCTCTTGTATACAGACCTTCCTGAATCTGGAGAAGCCGGCCTCGGTGTGGTACATGGA
 TGGCAACTACCTTGTGATCCTGGTTTCTGTCACCATCATTCTGCCCTAGCACTGATGCGACAGCTCGGC
 TACCTGGGTTACTCCAGTGGCTTCTCTCTCAGCTGCATGGTGTCTTCTTGATCGCAGTCATCTATAAGA
 AGTTCCAAGTTCCTTGCCATTGGCACACAACCTGGCCAATGCCACCGGCAACTTCAGCCACATGGTGGT
 GGCAGAGGAGAAGGCACAGCTGCAGGGCGAGCCTGACACTGCTGCTGAGGCCTTCTGTACCCCAAGCTAC
 TTCACCCTCAACTCACAGACAGCATACACCATCCCCATCATGGCTTCGCCTTCGTGCGCCACCTGAGG
 TGCTGCCCATATATACAGAGCTCAAGGACCCCTCCAAGAGGAAGATGCAGCACATCTCCAACCTGTCCAT
 TGCTGTCTATGTATGTCTACTTCTGGCCGCCCTCTCGGCTACCTCACCTTCTACGACGGGTGGAG
 TCGGAGCTGCTGCACCTACAGCAAGGTGGACCCGTTTGATGTGTGATCTTGTGTGTGCGAGTGGCCG
 TGCTGATAGCGGTACACTTACAGTTCGATTGTTCTGTTCCCGGTACGACGTGCTATCCAGCAGATGCT
 GTTTCAGAACCAGGAGTTCAGCTGGTTGCGGCACGTGCTCATTGCCACTGGCCTGCTTACGTGCATCAAT
 CTGCTGGTTATCTTCGCCCCAACATCTTGGGCATATTTGGGATCATTGGTGCCACATCTGCTCCGTGCC
 TCATCTTCACTTCCCTGCCATCTTCTACTTCCGAATCATGCCACTGACAAGGAGCCTGCAAGATCCAC
 CCCTAAAATCCTGGCCCTTTGTTTCGCTGCGGTTGGCTTCTGCTGATGACCATGAGCCTGAGTTTCATC
 ATCATTGACTGGGTCTCTGGGACCAGCCAGCATGGAGGAAACCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230288 representing NM_001199217
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MEIPRQTEMVELVPNGKHLEGLLPVGVPPTDQTQRTEDTQHCGEKGFLQKSPSKEPHFTDFEGKTSFGMS
 VFNLSNAIMGSGILGLAYAMANTGIILFLLLTAVALLSSYSIHLLKSSGIVGIRAYEQLGYRAFGTPG
 KLAAALAITLQNIAMSSYLYIIKSELPLVIQTFLNLEKPASVWYMDGNYLVILVSVTIIILPLALMRQLG
 YLGYSYSGFSLSCMVFFLIAVIYKKFQVPCPLAHNLANATGNFSHMVVAEEKAQLQGEPTDAAEFCTPSY
 FTLNSQTAYTIPIMAFAFVCHPEVLPITYELKDPSKRKMQHISNLSIAVMYVMYFLAALFGYLTIFYDQVE
 SELLHTYSKVDPDFVLILCVRVAVLIAVTLTVPIVLPVRRAIQQMLFQNEFSWLRHVLIATGLLTCIN
 LLVIFAPNILGIFGIIGATSAPCLIFIFPAIFYFRIMPTDKEPARSTPKILALCFAAVGFLMTMSLSFI
 IIDWVSGTSQHGGNH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001199217

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:	NM_001199217.1 , NP_001186146.1
RefSeq Size:	2454 bp
RefSeq ORF:	1518 bp
Locus ID:	76257
UniProt ID:	Q9DCP2
Cytogenetics:	9 58.69 cM
MW:	55.6 kDa