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Product datasheet for MR230289A1V

Mouse Slc38a3 (NM_001199218) AAV Particle

Product data:

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

ORF Nucleotide Sequence:

>MR230289 representing NM_001199218
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGATACCCCGACAGACAGAGATGGTGGAGCTGGTGCCCAATGGCAAACACTTGGAGGGGCTTCTAC
CAGTGGGCGTGCCTACAACAGACACCCAGAGGACTGAAGACACCCAACACTGTGGAGAGGGCAAGGGCTT
CCTTCAGAAGAGTCCCAGCAAGGAGCCACACTTCACCGATTTCGAGGGGAAGACATCATTTGGGATGTCA
GTGTTCAATCTCAGCAACGCCATCATGGGCAGTGGAATTCTGGGGCTCGCCTACGCCATGGCCAATACGG
GCATCATCCTTTTCCTGTTCCTGCTTACAGCGGTCGCCCTGTTGTCTAGCTATTCCATCCACCTGCTCCT
CAAGTCTTCGGGGATTGTGGGCATCCGTGCCTACGAGCAGTTGGGCTACCGTGCCTTTGGGACCCCGGGG
AAGCTGGCAGCAGCCCTGGCCATTACGCTTCAGAACATTGGAGCCATGTCCAGCTACCTATACATCATCA
AGTCTGAATTGCCTCTTGTCATACAGACCTTCCTGAATCTGGAGAAGCCGGCCTCGGTGTGGTACATGGA
TGGCAACTACCTTGTGATCCTGGTTTCTGTCACCATCATTCTGCCCCTAGCACTGATGCGACAGCTCGGC
TACCTGGGTTACTCCAGTGGCTTCTCTCTCAGCTGCATGGTGTTCTTCTTGATCGCAGTCATCTATAAGA
AGTTCCAAGTTCCTTGCCCATTGGCACACAACCTGGCCAATGCCACCGGCAACTTCAGCCACATGGTGGT
GGCAGAGGAGAAGGCACAGCTGCAGGGCGAGCCTGACACTGCTGCTGAGGCCTTCTGTACCCCAAGCTAC
TTCACCCTCAACTCACAGACAGCATACACCATCCCCATCATGGCTTTCGCCTTCGTCTGCCACCCTGAGG
TGCTGCCCATATATACAGAGCTCAAGGACCCCTCCAAGAGGAAGATGCAGCACATCTCCAACCTGTCCAT
TGCTGTCATGTATGTCATGTACTTCCTGGCCGCCCTCTTCGGCTACCTCACCTTCTACGACGGGGTGGAG
TCGGAGCTGCTGCACACCTACAGCAAGGTGGACCCGTTTGATGTGCTGATCTTGTGTGTGCGAGTGGCCG
TGCTGATAGCGGTCACACTTACAGTTCCGATTGTTCTGTTCCCGGTACGACGTGCTATCCAGCAGATGCT
GTTTCAGAACCAGGAGTTCAGCTGGTTGCGGCACGTGCTCATTGCCACTGGCCTGCTTACGTGCATCAAT
CTGCTGGTTATCTTCGCCCCCAACATCTTGGGCATATTTGGGATCATTGGTGCCACATCTGCTCCGTGCC
TCATCTTCATCTTCCCTGCCATCTTCTACTTCCGAATCATGCCCACTGACAAGGAGCCTGCAAGATCCAC
CCCTAAAATCCTGGCCCTTTGTTTCGCTGCGGTTGGCTTCCTGCTGATGACCATGAGCCTGAGTTTCATC
ATCATTGACTGGGTCTCTGGGACCAGCCAGCATGGAGGAAACCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230289 representing NM_001199218
Red=Cloning site Green=Tags(s)

MEIPRQTEMVELVPNGKHLEGLLPVGVPTTDTQRTEDTQHCGEGKGFLQKSPSKEPHFTDFEGKTSFGMS
VFNLSNAIMGSGILGLAYAMANTGIILFLFLLTAVALLSSYSIHLLLKSSGIVGIRAYEQLGYRAFGTPG
KLAAALAITLQNIGAMSSYLYIIKSELPLVIQTFLNLEKPASVWYMDGNYLVILVSVTIILPLALMRQLG
YLGYSSGFSLSCMVFFLIAVIYKKFQVPCPLAHNLANATGNFSHMVVAEEKAQLQGEPDTAAEAFCTPSY
FTLNSQTAYTIPIMAFAFVCHPEVLPIYTELKDPSKRKMQHISNLSIAVMYVMYFLAALFGYLTFYDGVE
SELLHTYSKVDPFDVLILCVRVAVLIAVTLTVPIVLFPVRRAIQQMLFQNQEFSWLRHVLIATGLLTCIN
LLVIFAPNILGIFGIIGATSAPCLIFIFPAIFYFRIMPTDKEPARSTPKILALCFAAVGFLLMTMSLSFI
IIDWVSGTSQHGGNH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001199218

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_001199218.1, NP_001186147.1
RefSeq Size:	2474 bp
RefSeq ORF:	1518 bp
Locus ID:	76257
UniProt ID:	Q9DCP2
Cytogenetics:	9 58.69 cM
MW:	55.6 kDa