

Product datasheet for **MR209920A1V**

Mouse Slc5a2 (NM_133254) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc5a2 (NM_133254) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc5a2
Synonyms:	Sgt2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209920 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAACACGTAGAGGCAGGCTCTGAACCTGGGGAGCAGAAGGTCTGATTGATAATCCTGCTGACA
 TTCTGGTTATCGCTGCCATTTTCTGCTGGTCATTGGTGTGGCTTGTGGTCTATGTTTCAGAACCAATAG
 AGGCACAGTTGGTGGCTACTTCTGGCAGGACGGAGCATGGTGTGGTGGCCGGTTGGAGCCTCTCTGTTC
 GCCAGCAACATCGGCAGCGGTCAATTTGTGGGCTGGCAGGACTGGCGCAGCAAGTGGCTTGGCGGTGG
 CTGGATTTGAGTGAATGCGCTCTTCTGGTGTCTCTCGGATGGCTTTTGTGCCAGTGTATCTGAC
 CGCTGGTGTGATCACAATGCCTCAGTACCTCCGAAGCGCTTGGTGGGCACCGTATTCGCTCTACCTG
 TCCGTGCTCTCGCTTTTTTGTACATTTTACCAAGATCTCGGTGGATATGTTCTCTGGGCAGTATTCA
 TTCAACAGGCCCTGGGCTGGAACATTTACGCTTCGGTCATCGCTCTCTTGGGCATCACCATGATTTATAC
 TGTGACAGGAGGCTGGCGGCACTGATGTACACAGACACTGTGCAGACCTTCGTCATTCTTGCCGGGGCC
 TTCATCCTCACTGGTTATGCTTTCCATGAAGTGGCGGGTACTCGGGTCTCTTCGACAAATACCTGGGAG
 CAATGACTTCACTGACGGTGTCCAAGGATCCATCTGTTGGCAACATCTCCAGCACCTGCTACCAGCCGAG
 GCCTGACTCCTATCACCTGCTGCGTGACCCTGTGACAGGAGACCTGCCATGGCCTGCGCTGCTCTGGGG
 CTTACCATTGTCTCGGCTGGTATTGGTGCAGCGATCAGGTAATAGTGCAGCGGTGCCTGGCTGGAAAGA
 ATCTGACTCACATCAAAGCTGGGTGCATCTTGTGTGGTACCTGAAGCTGATGCCCATGTTCTCATGGT
 CATGCCAGGCATGATCAGCCGCTTCTACCCAGATGAGGTGGCATGTGTGGTACCTGAGGTGTGTAAG
 CGGGTGTGTGGCACTGAGGTGGGCTGCTAACATCGCCTACCCACGGCTCGTGGTGAAGCTCATGCCCA
 ATGGTCTGCGCGGACTCATGCTGGCAGTCATGCTGGCTGCCCTCATGTCTTCTTGGCATCCATCTTTAA
 CAGCAGTAGCACGCTCTTACCATGGATATCTACACGCGCCTGCGGCCCGTGCAGGTGATAAGGAGCTG
 CTGCTAGTTGGAAGGCTCTGGGTGGTATTATCGTGGCGGTGTCCGTGGCTTGGCTGCCAGTGGTGCAGG
 CAGCTCAGGGTGGGCAGCTCTTCGATTACATTCAGTCTGTCTCCAGCTATCTGGCACCTCCAGTGTCTGC
 GGTCTTTGTGCTTGCACTCTTTGTGCCCCGTGTTAATGAGAAGGGAGCCTTCTGGGGACTAGTTGGGGGC
 CTGCTGATGGGCCTAGCTCGTCTCATACCCGAGTTCTTCTTGGCTCGGGCAGCTGTGTGCGACCCTCAG
 CGTGCCCGGCACTCTTCTGTGGGTACACTACCTCTATTCGCCATCATTCTTTCATCTGCTCTGGCAT
 CCTCACACTTGAATCTCCCTGTGCACTGCGCCCATCCCTCAGAAGCATCTCCATCGCCTGGTTTTCACT
 CTCCGGCACAGCAAGGAGGAGCGGGAGGACCTGGATGCTGATGAGTTAGAAGGTCCAGCCCTGCTCCTG
 TGCAGAACGGGGCCAGGAATGTGCAATGGAGATGGAAGAGGTCCAGTCCCCGGCTCCAGGCCTGCTCCG
 CCGGTGCTGCTTTGGTTCTGTGGGATGAGCAAGAGTGGGTGAGGGAGTCTCCGCCCACTACCGAGGAG
 GTGGCGGCAACCACAGGCGGCTGGAGGACATCAGTGAGGATCCCCGCTGGGCACGAGTAGTCAACCTCA
 ATGCCCTACTCATGATGACCGTGGCTGTGTTCTCTGGGGCTTCTATGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209920 protein sequence Red=Cloning site Green=Tags(s) MEQHVEAGSELGEQKVLIDNPADILVIAAYFLLVIGVGLWSMFRNTNRGTVGGYFLAGRSMVWVPVGASLF ASNIGSGHFVGLAGTGAASGLAVAGFEWNALFVLLLGWLFPVYLTAGVITMPQYLRKRFGGHRIRLYL SVLSFLYIFTKISVDMFSGAVFIQQALGWNIIYASVIALLGITMIYTVTGGLAALMYTDTVQTFVILAGA FILTGYAFHEVGGYSGLFDKYLGMTSLTVSKDPSVGNISSTCYQPRPDSYHLLRDPVTGDLWPALLLG LTIVSGWYWCSDQVIVQRCLAGKNLTHIKAGCILCGYLKLMFPMVMGMISRILYPDEVACVVPEVCK RVCGTEVGCSNIAYPRLVVKLMPNGLRGLMLAVMLAALMSSLASIFNSSSTLFTMDIYTRLRPRAGDKEL LLVGRLLWVVFIVAVSVAWLPPVQAAQGGQLFDYIQSVSSYLAPPVSAVFLALFVPRVNEKGAFWGLVGG LLMGLARLIPEFFFGSGSCVRPSACPALFCRVHYLYFAIILFICSGILTLGISLCTAPIPKHLHRLVFS LRHSKEEREDLDADELEGPAPAPVQNGGQECAMEMEEVQSPAPGLLRCLLWFCGMSKSGSGSPPTTEE VAATTRLEDISEDPRWARVVNLNALLMMTVAVFLWGFYA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_133254
ORF Size:	2010 bp
Buffer:	PBS with 0.001% Pluronic F1020
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_133254.3</u>
RefSeq Size:	2259 bp
RefSeq ORF:	2013 bp
Locus ID:	246787
UniProt ID:	<u>Q92317</u>
Cytogenetics:	7 F3
MW:	73 kDa