

Product datasheet for **MR208578A1V**

Mouse Slc39a5 (NM_028092) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc39a5 (NM_028092) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc39a5
Synonyms:	1810013D05Rik; 2010205A06Rik; Zip5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208578 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCCCCCAGTACATCATCTGCTGACTGGCCTATGTGTGGGGGTGGCCTTGGGCTGGGTAGGAGGCT
 CCGTCCCAAACCTGGGCCAGCTGAACAGGAACAGAACCCTACCTGGCCAGTTGTTTGGTCTATATGG
 AGAGAACGGGACACTGACTGCAGGGGGCTGGCGGGCTTCTCCACAGCCTAGGACTAGGCCGAGTCCAG
 GGGCTCCGTCTGGGACACCATGAGCCTCCAACCTGGCGGGCTGCACCCACAAGTGAGACAATTTACAC
 ACAGGCTGCAAGAGCCGAGCTGAGTGTGGACATCTGGGCAGGAATGCCTCTGGGCCCTCAGGTTGGGG
 TGACCAGGAGGAATCAAAGGCTCCTGACCTGCACGGGTGAGGGCCCTCGAGCCTAGACCTCTCCAGAGG
 CTTCTGCTGTTGGACATTCTGTGGCTGACCATCTGAATGAGGATTGTCTGAATGGCTCCAGCTGCTGG
 TCAATTTTGGACTGAGCCCTGTTGCTCCTCTGACCCCTCGTCAGTTTCGCTCTGCTGTGCCAGCCCTGCT
 TTATCAGATTGACAGCCGTGTTGCATCAAAACCCAGCTCCAGCACCTCCGGGGGATGTACTGTCTGCC
 CTGCTTCACAGTGGCCTGGCAGTCTGTTCTCAGCCTCCCTGCTCCCTCTCTCTGCTGTTGTGCGGC
 TCCTGGGACCTCGTCTGTTGCGGCCAGTGTGGGCTTCCTGGGGGCCCTGGCCGTGGGTACTCTCTGTGG
 GGATGCCCTGCTACACCTGCTCCACATGCGCAAGGAGGGCGGCACACAGGACCTAGTGAGCAATCAGAG
 GAGGACCTGGGTCCGGGACTGTCGGTGCTTGGTGGCCTCTTCTGCTCTTCATGCTAGAGAACACACTAG
 GACTTGTGCGGCACAGAGGGCTCAGGCCAAGATGCTGCAGGAACAAAAGGGATCTTGGAGAACCAACCC
 TGACCCAGAGGATGGCAGTGGGATGGTCTTCGACCCCTACAGGCAGCTTCAGAACAGAGGTTCAAGGC
 CAGAGGGAGAACAGACAGTCTCACCATCTCTAGCCCTCCTGGGCACCAAGGCCACAGCCATGAGCACC
 GGGGTGGCAGTATCGCATGGATGGTCTCTCTGGGAGATTGCCTGCACAACCTACCGACGGGCTGGCATT
 AGGTGCTGCTTTCTCAGACGGCTTCTCCAGTGGCCTCAGCACTACCCTAGCAGTCTTCTGCCACGAGCTG
 CCCCACGAACTGGGTGACTTTGCCATGCTGCTTCAGGAAGGGTTATCCTTTGGAAGCTGCTGCTGCTGA
 GCCTCGTTTCTGGAGCCTGGGACTGGGGGTGCAGCCCTGGGGTGGGGCTCAGCTTGGGCCCTGTGCC
 CCTACCCCTGGGTGTTTGGGACCACGGCTGGGGTTTCTCTATGTGGCCCTAGTGGATATGTGCCA
 ACCCTGCTTCGCTCCTGAGCCCTGCCTGTGTTCCAGTGCTTCTGCAGGGGCTGGGGCTGCTACTGG
 GGGGACGCTCATGTTTACCATAGCCCTATTGGAGGAGCAGCTAGTCCCCACGGTTCCTGACGGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208578 protein sequence
 Red=Cloning site Green=Tags(s)

MGPPVHLLTGLCVGVALGWVGSVPNLGPAEQEQNHLYAQLFGLYGENGTLTAGGLARLLHSLGLGRVQ
 GLRLGHHEPPTGRAAPTSQDNFTHRLQEPELSVDIWAGMPLGPSGWGDQEESEKAPDLHGSGPSSLDLFQR
 LLLLDHSLADHLNEDCLNGSQLLVNFGSLSPVAPLTPRQFALLCPALLYQIDSRVCIKTPAPAPPGDVL
 LSHSLAVLFLSLPAPLSLLLLRLLGPRLLRPVLGFLGALAVGTLCGDALLHLLPHAQGGRRHTGPSEQSE
 EDLGPGLSVLGGFLFLMLENTLGLVRHRLRPRCCRNKRDLEGPNPDPEGSGMVLRLPLQAASEPEVQG
 QRENQSSPSLAPPGHQHSHEHRGGSIAWMVLLGDCLHNLTDGLALGAASFSDGFSSGLSTTLAVFCHL
 PHELGDFAMLLQEGLSFRKLLLLSLVSGALGLGGAALGVGLSLGPVPLTPWVFGTTAGVFLYVALVDMPL
 TLLRPPEPLPVFHVLLQGLGLLLGGSLMFTIALLEEQLVPTVPDG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_028092

ORF Size:

1605 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_028092.1</u>
RefSeq Size:	1906 bp
RefSeq ORF:	1608 bp
Locus ID:	72002
UniProt ID:	<u>Q9D856</u>
Cytogenetics:	10 D3
MW:	56.3 kDa