

Product datasheet for **MR221292A1V**

Mouse Slc16a5 (NM_001080934) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc16a5 (NM_001080934) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc16a5
Synonyms:	A130015N09Rik; MCT 5; MCT5; MCT 6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR221292 representing NM_001080934
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCGGGCCCTGGAACAAGCAGATGGCAGATGGGCCTGGGTGGTCTCTATCTCCCTGGTGACGC
 AGGCCCTCACCTGGCTTCCCCACCTGCATCGGTGTCTTCTTCACTGATCTGCAGCGCACTTTTCAGGC
 CAGCAACAGTGAGACCTCGTGGTTTCTTCCATCTGGGAGCCATGGTCCACGGTGGGGGACCCCTGTGC
 AGCATCTTGGTCAAACATTTTCGGCTGCCGAGTGACCATGATGCTGGGGGTGTGCTGGCCAGCCTGGGCA
 TGGTAGTCAGCACCTTCTGGCTCGCTCACCCACCTTCTCTCACCGCAGGAGTGATCACAGGCCTGGG
 CATGTGTTTCAGCTTCCAGTCGAGCATCACGGTAGTGGCTTGTATTTTGTCCGCCGGCGCCGCTAGCC
 AATGCACTGGCCTCCATGGGACTCTCCATGGGCGTACCCTCTGGCCACTGCTGGCCGATATCTTCTGG
 AAACCTGGGCTGGAGGGGCGCCTTCTCATCTTCGGTGGCATTTACTCCACTGTTGTGTATGTGGAGC
 CTTGCTGAGGCCTGTTGCCACCAACGAGTCCCGAGCCAAAGAGGATCCCCTTCTACCTCCCAAGATA
 CCTACACGCAGCTGCCTGGCAACATGTGTCTCAACCATTTCGGTACCACCTGGCCTTTGACATCCTTCGGC
 ACAATATGGGCTTCTGCATATACGTACGGGCGTGACGTGGATGAACCTGGGTTTTGCACTGCCACATAT
 CTTCTAGTGGCTACGCTATGCATCATGGGTGGACGACTATTGGGCAGCCATGCTCATGTCCATTGTT
 GGCTTCTGCAACATCTTCTTACGGCCAATGGCAGGGCTGCTGCTGGCAGGCAGGAAGAGCTTGGCTGCCT
 ACCGGAAGTACCTGTTTGTGTGGCGATCCTCATCAACGGGCTCACCAATCTAATATGCACGGTGTGACG
 CGACTTCCGGGTGCTCCTGGGCTATTGCCTGGTGTACAGCCTGTCCATGTGTGGAGTTGGGATCCTCGTC
 TTCCAGGTTCTAATGGACATTGTCCCGATGGATCGGTTCCCCAGCGCCCTGGCCTTCTCACCATCTGT
 GTGGCGTAGCTTCTCATCTCTCCACCATTGGCTGGATTGCTGCTGGACAAGACCAACAACCTTACAGTA
 CGTTTTCTATATGTCGAGTGGCTTCTCGTCTCAGGCTCTCTTATCCTGGGTGTGGGCTTCTACGCCGCA
 GAGAAGAAGAAGCTGAAGCAAGATGGGCAAGCCAAAATGGAGAACGCTACCTCAGAGATGACCCCAATGC
 ACGATCTCACCTCAGAAGACAAGGACAGTGCCAAGAAGCAACCGTACCCTGAAAGCATCTATATGACCAA
 TGTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221292 representing NM_001080934
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MARALEQADGRWAWVLLSSLVTQALTLGFPTCIGVFFDLQRDFQASNSETSWFPSILGAMVHGGGPLC
 SILVKHFGCRVTMMLGGVLAASLGMVVSTFSGSLTHLFLTAGVITGLGMCFSFQSSITVVGLYFVRRRPLA
 NALASMGLSMGVTLWPLLARYLLETLGWRGAFIFGGILLHCCVCGALLRPVATNEVPEPKEDPLLPKI
 PTRSCLATCVSTIRYHLAFDILRHNMGFCIYVTGVTWMNLGFALPHIFLVPYAMHHGVDDYWAAMLSIV
 GFCNIFLRPMAGLLLGRKSLAAYRKYLFAVAILINGLNLICTVSADFRVLLGYCLVYSLSMCGVGILV
 FQVLMDIVPMDRFPALGLFTILCGVTSLSIPPLAGLLLDKTNNSYVFYMSSGFLVSGSLILGVGFYAA
 EKKKLLKQDQAKMENATSEMPMHDLTSEDKDSAKKQYPESIYMTNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001080934

ORF Size:

1404 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_001080934.1, NP_001074403.1</u>
RefSeq Size:	3020 bp
RefSeq ORF:	1407 bp
Locus ID:	217316
UniProt ID:	<u>G5E8K6</u>
Cytogenetics:	11 E2
MW:	51.5 kDa