

Product datasheet for **MR219374A1V**

Mouse Slc2a7 (NM_001085529) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc2a7 (NM_001085529) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc2a7
Synonyms:	OTTMUSG00000010396
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR219374 representing NM_001085529
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGACAAAGAGATAGGGACACCTCTGCCCTTGCCCACTCGGAAGCGCGTCTGCAGCCCACTAG
 TCCTGACTACCTAAGTGCTGCCCTTGGCTCAGTCTTCCAGTATGGCTACAACATCGCCGTGATCAACAC
 ACCTCACAAGGTGGGCACAAGCAACAGATGGGGTCTGTCTTTCAGGTCTGAAGTCGTTTTACAATGAC
 ACGCACTTTGAGCGACACGGAACATTTCATGGATGAGAGTACTCTGCTGCTCTGTGGTCTGCACGGTCT
 CCATGTTCCCTCTGGGAGGGTGGCTGGGGTCTTGGTGGTGGCTGATGGTCAATAAGTGGGCGAGAA
 GGGAACACTGTTGATCAACAATGTCTTCGCTATAACCTCTGCCGTCTGATGGGAGTCAGCAAGGTGGCC
 CGGGCTTTTGAAGTATCATCTGTCTCGAGTCTGGTGGGAATCTGCGCAGGCATCGCTTACAGTACTC
 TTCCCATGTACCTGGGAGAACTGGCTCCCCAGAACCTTAGGGGTGCATTAGGGACAATGACGGAGGTATT
 CGTCATCATCGGAGTCTCTTGGCTCAGATTTTCAGCCTGCAGGCCATCTGGGTAATGCCACAGGCTGG
 CCAATCCTCTTGGCTCTCACGGGGTCCCTGCAGTGATTACAGTCTCTCTCTGCCCTTCTTCCCTGAGA
 GCCCCGCTACACTCTGATTGAGAAAGGAGACGAGGAGACGGCTAGACAAGCTCTAAGGAGGCTGCGAGG
 TCAAACTACAATGTGGAGGCCGAGATGGAAGAAATGCGCACAGAGGAGCGCACCGAGCAAGCCGAGGGT
 CGTCTGTCCGTAACCTCTTACCTTTTCGGCCCTGCGCTGGCAGCTGATCTCTATCGTTGTGCTCA
 TGGCGGGCCAGCAGTGTCCGGGATCAACGCGGTCAACTACTACGCAGATGTCTATACCTCAGCTGG
 TGTGGACCCACCCAGTCCCAGTATGTGACCTGGGCTCTGGTGTCACTCACTTGGTGTGACTCTCGTC
 TCGGCCGTTATCATAGAGCGTTTGGGGCGACGGATTCTCTGCTGTCTGGCTATGCCATCTGCTGCTCTG
 CCTGCTGGTACTGACCGTGGCACTCTCTCCAGAGCACGGCCCTGAGCTGTCTTACCTTAGTATCGT
 CTGTGTGTTCTCCTACATCGTGGGACATTCCATAGGACCCAGTCTGTCCCCTCGGTGGTGAGGACAGAG
 ATTGCTCTGCAGTCTCTCGGACAGCCGCTTCACTGTGGACGGGGCTGTGCACTGGCTACCAACTTCA
 TCGTGGGGTTGACGTTTCCATCCATCCAGGTGGCCATCGGAGCCTACAGCTTTCTCGTCTTCGCTGGCGT
 CTGTATCTCTACTGCTGCTTATCTACGTGGAATCCCTGAAACCAAGGGCAGGACATTTGTAGAGATA
 AACTGTGCTTTTGCCAAGAGAAATGGAGTGGAGTTTCCAGAAGAGAAAGAAGTAGCCACGGCCAAGCCTC
 ACACACCGTCTCTGCCTACCAAGGAAACAGCCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEDKEIGTPLPLPHSEARLQPTLVLTTLSSAFGSVFQYGYNIIVINTPHKVGTSNRWGPVFQVLKSFYND
 THFERHGTFMDESTLLLLWSCTVSMFPLGGLLGSLLVGLMVNKGWGRKGTLLINNVAITSAVLMGVSKVA
 RAFELIILSRVLVGICAGIAYSTLPMYLGELAPQNLRGALGTMTEVFVIIGVLLAQIFSLQAILGNATGW
 PILLALTGVPVAVIQLLSLPFFPESPRYTLIEKGDEETARQALRRLRGQNYNVEAEMEEMRTEERTEQAEG
 RLSVLNLFTRPLRWQLISIVVLMAGQQLSGINAVNYADVITYSAGVDPTQSQYVTLGSGVINLVMTLV
 SAVIIERLGRIRILLISGYAICCSACLVLTVALLQSTAPELSYLSIVCVFSYIVGHSIGSPSPVSVVRTE
 IVLQSSRTAAFTVDGAVHWLTNFIIVGLTFPSIQVAIGAYSFLVFAGVCILTAAYIYVVIPETKGRTFVEI
 NCAFAKRVGEFPEEKEVATAKPHTPSLPTKETAF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001085529

ORF Size:

1575 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_001085529.1</u>
RefSeq Size:	1578 bp
RefSeq ORF:	1578 bp
Locus ID:	435818
Cytogenetics:	4
MW:	57.6 kDa