

Product datasheet for **MR230315A1V**

Mouse Slc7a7 (NM_001253680) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc7a7
Synonyms:	AI790233; my+lat1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230315 representing NM_001253680
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTCAACAGCACCAAGTATGAAGTGGCTGCTCAGCACGAGGCCGACGATGGCTCTGCTCTCGGGGATG
 GGGCCAGCCAGTGGCGGAGCAGGTCAAACCTGAAGAAGGAGATCTCCCTGCTTAATGGCGTGTGTCTCAT
 AGTGGGGAACATGATCGGCTCCGGCATCTTTGTCTCCCTAAGGGTGTGCTCATGTACAGTGCCTCTTTT
 GGCTCTCACTGGTCACTCTGGGCTGTGGGGGCATTTCTCCGTCTTTGGGGCCCTTTGTTACGCTGAAC
 TGGGTACCACCATTAAAGAAATCCGGGGCCAGCTATGCTTATATCCTGGAGGCCCTTCGGGGGATTCCTTGC
 GTTCATCCGCTCTGGACTTCTCTGCTCATCATTGAACCCACCAGCCAGGCCGTCATTGCCATCACCTTT
 GCCAATACATGGTGCAGCCCCTCTTCCCGAGCTGTGGCGCTCCCTATGCCGCCGGCCGCTGTGGCCG
 CTGCTGCATCTGTCTTAACTTCAATTAAGTGTGCCTATGTCAAGTGGGAACCCCTGGTCCAAGATAT
 TTTACCTATGCTAAGGTGTGGCGCTGATTGCAGTCATCATTGCAGGCATTGTAGACTTGGCCAGGGA
 GCCACAGCTAACTTTGAGAACTCCTTTGAGGGCTCATCCTTTGCAATGGGTGACATTGCTCTGGCACTCT
 ACTCAGCCCTGTTCTCTACTCGGCTGGGACACCCCTTAATATGTCAACGAAGAGATCAGGAACCCCGA
 GAGGAACCTGCCCTCTCCATTGGCATTTCCATGCCAATCGTCACCATCATCTACCTCTTGACCAATGTG
 GCCTATTACAGTGTGTAGACATAAAGGAAATCCTGGCCAGTGACGCTGTTGCCGTGACCTTTGCAGATC
 AAATTTTGGAGTATTCAATTGGATAATTCCAGTAGCGGTTGCATTCTCTTGCTTTGGTGGGCTCAACGC
 CTCCATCGTGGCTGCTTCCAGGCTTTTATTTGTGGGCTCGAGAGAAGGCCACCTCCCTGACGCCATCTGT
 ATGGTTCATGTTGAACGGTTCACACAGTGCCTTCTCTACTCTTCAATGGTGTGTTGCTCCCTGGTCTACC
 TGTGCGTGGAGGACATCTTCCAGCTCATTAACTACTATAGCTTCACTACTGGTCTTTGTGGGCTTTT
 TATTGTGGGTGAGCTTTATCTACGCTGGAAGGACCCCGACCGGCTCGCCCTCTCAAGCTCAGCCTTTT
 TTCCCCATCATCTTCTGCTCTGCACCATCTTCTGGTGGCTGTTCCACTTTACAGCGACACCATCAACT
 CCCTCATCGCATTGGCATTGCACTCTCAGGCTGCCCTTCTACTTCTTATCATCATCAGAGTGCCAGAGCA
 CAAACGACCACTGTTCTCCGAGGATTGAGCCTCTATCACACGGTACCTCCAGATCCTCTGTATGTCA
 GTTGCTGCAGAAATGGAAGTGGAGAGTTGTCCAAACAAGATCCCAAGTCTAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230315 representing NM_001253680
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MVNSTKYEVAAQHEADGSGALDGPVPAEQVKLKKEISLLNGVCLIVGNMIGSGIFVSPKGVLMYSASF
 GLSLVIWAVGGIFSVFGALCYAELGTTIKKSGASYAYILEAFGGFLAFIRLWTSLLIIIEPTSQAVIAITF
 ANYMVQPLFPSCGAPYAAGRLLAAACICLLTFINCAVYKWGTLVQDIFTYAKVLALIAVIIAGIVRLGQG
 ATANFENSFEGSSFAMGDIALALYSALFSYSGWDTLNYVTEEIRNPERNLPLSIGISMPITVIIYLLTNV
 AYYSVLDIKEILASDAVAVTFADQIFGVFNWIIPVAVAFSCFGLNASIVAASRLLFVGSREGHLPDAIC
 MVHVERFTPVPSLLFNGVLSLYLVCVEDIFQLINYYSFSYWFVGLSIVQLYLRWKDPDRPRPLKLSLF
 FPIIFCLCTIFLVAVPLYSDTINSLIGIGIALSGLPFYFFIIRVPEHKRPLFLRRIVASITRYLQILCMS
 VAAEMDLEDGELSKQDPKSK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001253680

ORF Size: 1530 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_001253680.1 , NP_001240609.1
RefSeq Size:	2152 bp
RefSeq ORF:	1533 bp
Locus ID:	20540
UniProt ID:	Q9ZIK8
Cytogenetics:	14 C2
MW:	55.7 kDa