

Product datasheet for **MR230099A1V**

Mouse Slc39a7 (NM_008202) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc39a7
Synonyms:	AA408174; AII17660; AL024048; H-2Ke4; H2-Ke4; Ke-4; Ke4; Ring5; Zip7
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230099 representing NM_008202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCATGGGCTGCGGGCCCCCACTGGGTGGCTGTGGGACTGCTGACCTGGGCGGCTTTGGGGCTGC
 TGGTGGCCGACACGAGGGTCATGGTGACCTGCACAAAGATGTGAAGAGGACTTCCATGGCCACAGTCA
 CGGGCACTCACATGAAGATTTCCACCATGGCCACAGCCACGGGCACTCGCATGAAGATTTCCACCATGGC
 CACGGCCCACTCATGAAAGCATCTGGCATGGGCATGCCCACAGCCACGACCATGGACACTCACGTGAGG
 AATTACACCATGGCCATAGCCATGGCCACTCCCACGATAGCCTCCACCACGGAGGACATGGACATGCCCA
 TCGTGAACATAGCCATGGGACTTCTAGGGAGGCTGGGGCTCCAGGCATCAAACACCACTGGACACTGTCT
 ACCCTCTGGGCTACGCACTGGGGGCCACAGTGCTGATCTCCGAGCTCCGTTCTTCGTGCTGTTCTCTCA
 TCCAGTAGAATCTAACTCTCCAGGCACCGCTCTCTGCTCCAGATCTGCTCAGTTTTGCTCCGGGGG
 GCTCCTGGGTGATGCGTTCCTCCACCTCATCCCGCATGCCTTGAACCTCATTCTACCACGCTCCAGAG
 CAGCCTGGACATGGACACTCCACAGTGGCCAGGGCCCCATTCTCTGTGGGGCTGTGGGTCTCAGTG
 GGATTGTCGCTTCTCTGCTGGTGGAGAAATTTGTGAGACACGTGAAAGGAGGACATGGACACAGTCACGG
 ACACGGAGACAGGCATGCGCATGGAGACAGTACACCCATGGAGATAGACATGAGTGTTCTTCAAAGGAA
 AAGCCACGACAGAGGAAGAGAAGGAAGTGGCGGGTTGCGGAAAAGGAGAGGAGGAACACTGGGCCCA
 GAGATGGCCCGGTGAAACCTCAGAGCCCTGAAGAAGAAAAAGCAGGCTCAGACCTGCGTGTGTCTGGGTA
 CCTGAATCTGGCTGCTGACTTGGCACACAACCTCACAGACGGTCTGGCCATTGGTGCTTCTTTCTGGG
 GGCCGAGGGCTAGGGATCCTGACCACAATGACAGTCTGCTGCACGAAGTGCCTCATGAGGTTGGGGATT
 TTGCCATCTGGTCCAGTCTGGCTGCAGCAAGAAGCAGGCGATGCGTCTGCAACTCGTACTGCAATTGG
 AGCATTGGCAGGCACTGCCTGTGCCCTTCTACCGAGGGAGGGGAGTGGACAGTGACGTGGCAGGTGGT
 GCAGGTCTGGCTGGGTCTGCCATTCAGTGCAGGCGGATTATCTACGTAGCAACAGTGTCTGTGCTGC
 CTGAGCTATTGAGAGAGCATCTCCACTGCAGTCACTGTTGAGGTGCTGGGGCTGCTGGGGGTGTTGC
 CATGATGGTACTGATTGCCATCTTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230099 representing NM_008202
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MTMGLRAPHWVAVGLLTWAALGLLVAGHEGHGDLHKDVEEDFHGSHSHGHSHEDFHGHSHSHGHSHEDFHHG
 HGHTHESIWHGHAHSHDHGHSREELHHGHSHGHSHDSLHHGGHGHHAHREHSHGTSREAGAPGIKHHLDTV
 TLWAYALGATVLIISAAPFFVFLIPVESNSPRHRSLLQILLSFASGGLLGDAFLHLIPHALEPHSHHAPE
 QPGHGHSHSGQPILSVGLWVLSGIVAFVVEKFVRHVKGHGHSHGHGDRHAHGDSTHGRHECSSKE
 KPSTEEEEKVGLRKRGGNTGPRDGPVKPQSPREEKAGSDLRVSGYLNLAADLAHNFDTGLAIGASFRTG
 GRGLGILTTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLVTAIGALAGTACALLTEGGAVDSDVAGG
 AGPGWVLPFTAGGFIYVATVSVLPELLREASPLQSLLEVLGLLGGVAMMVLIAHLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_008202

ORF Size: 1428 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_008202.2 , NP_032228.2
RefSeq Size:	2398 bp
RefSeq ORF:	1431 bp
Locus ID:	14977
UniProt ID:	Q31125
Cytogenetics:	17 17.98 cM
MW:	50.7 kDa