

Product datasheet for **MR230071A1V**

Mouse Slc16a3 (NM_030696) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc16a3
Synonyms:	Mct3; Mct4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230071 representing NM_030696
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGAGGGCTGTGGTGGACGAGGGTCCACCGGCATCAAGGCCCGCATGGGGCTGGGGCTGGGCCG
 TCCTCTTTGGCTGTTTTATCATCACGGGTTTCTCTACGCCTTCCCAAGGCGGTACAGCGTCTTTTCAA
 GGAGCTTATGCATGAGTTTGGATTGGCTACAGCGACACGGCTTGGATCTCTCCATCCTGCTGGCTATG
 CTCTATGGCACAGGACCGCTCTGCAGTGTGTGTGAACCGCTTTGGTGCCGGCCTGTCATGCTTGTGG
 GTGGCCTCTTTGCGTCCCTGGGAATGGTGGCTGCGTCCTTCTGCAGAAGCATTATCCAGATCTACCTCAC
 CACGGGGGTCACTACTGGCTTGGGTCTGGCTCTCAACTCCAGCCTTCCCTCATCATGCTCAATCGATAC
 TTCAACAAGCGTCGCCCTATTGCCAATGGGTTGGCAGCGCAGGCAGCCAGTGTTCCTTTGTGCACTGT
 CTCCACTGGGGCAGCTGCTGCAGGATCACTATGGTTGGCGGGTGGCTTCTCATCCTGGGGGGCCTACT
 GCTCAACTGCTGTGTGTGCTGCGCTCATGAGGCCGTGGTGGCACCGCAGGTAGGCGGAGGGACTGAG
 CCCCAGGGACCCAGCGGCCACCTCAACGCCTGCTAGACCTGAGTGTCTCCGAGACCGCGCTTCTCA
 TCTATGCCGTGGCCGCTCAATCATGGTGTGGGACTCTTTGTGCCTCCGGTCTTTGTGGTGAAGTATGC
 TAAGGATATGGGTGTACCCGACACAAAGGCCGCTTCTTCTCACCATCCTGGGCTTCATCGACATCTTT
 GCCAGGCCACGGCTGGTTTCATAACAGGCCTCAAGAAGGTGCGGCCCTACTCTGTCTACCTCTTCAGCT
 TTGCCATGTTCTTCAATGGCTTCACTGACCTGACAGGCTCCACAGCCACTGACTACGGTGGCCTGGTGGT
 CTTTTCATCTTTTGGCATCTCATATGGCATGGTGGGCGCACTACAGTTTGAAGTGTCTATGGCTATC
 GTGGGCACTCAGAAGTCTCCAGTGCCATTGGTCTCGTGTGCTGCTGGAGGCCGTGGCTGTGCTCATCG
 GACCCCGTCAGGAGGCAAGCTGCTGGATGCAACCAAGTTTACAAGTATGTGTTATCCTGGCGGGGC
 CGAGGTGCTCACCTCCTCCCTTGTGCTGCTGCTGGGCAACTTCTTCTGCATCGGGAAGAGGAAGAGGCC
 GAGGTGACAGAGCTGAGGAGGTGGCCTCAGAGGAGAAGCTCCACAAGCCCCCTGTGGACGTGGGAGTGG
 ACTCGAGGGAGGTGGAGCACTTCTGAAGGCAGAGCCTGAGAAAAATGGGAGGTGGTTATACCCCGGA
 AACCAGCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230071 representing NM_030696
 Red=Cloning site Green=Tags(s)

MGGAVVDEGPTGIKAPDGGWGWAVLFGCFIITGFSYAFPKAVSVFFKELMHEFGIGYSDTAWISSILLAM
 LYGTGPLCSVCVNRFGCRPVMLVGGLFASLGMVAASFCSIQIYLTGVTITGLGLALNFQPSLIMLNRY
 FNKRRPIANGLAAAGSPVFLCALSPQLLQDHYGWRGGFLILGGLLLNCCVCAALMRPLVAPQVGGTE
 PRGPQRPQRLDL SVFRDRGFLIYAVAASIMVLGLFVPPVFVVSYAKDMGVPDTKAAFLITLGFIDIF
 ARPTAGFITGLKKVRPYSVYLF SFAMFFNGFTDLTGSTATDYGGLVVF CIFFGISYGMVGALQFEVLMAI
 VGTQKFSSAIGLVLLLEAVAVLIGPPSGKLLDATKVYKYVFI LAGAEVLTSSLVLLLGNNFCIGKRKR
 EVTEPEEVASEEKLHKPPVDVGVD SREVEHFLKAEPEKNGEVVHTPETS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_030696

ORF Size: 1410 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_030696.3 , NP_109621.1
RefSeq Size:	2493 bp
RefSeq ORF:	1413 bp
Locus ID:	80879
UniProt ID:	P57787
Cytogenetics:	11 E2
MW:	50.4 kDa