

Product datasheet for **MR208627A1V**

Mouse Slc22a7 (NM_144856) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc22a7 (NM_144856) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc22a7
Synonyms:	NLT; OAT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>MR208627 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGGGCTTCGAAGAGCTGCTGCACAAGGTGGGTGGCTTTGGGCCTTTCCAAGTGCAGGAATCTGGTGCTGCTG
TGGCCCTGCCCGATTCTGCTCCCGATGCATTTTCTCTGCCCATCTTCATGGCTGCTGTGCCTGCCCA
TCATTGTGCCCTGCCTGATGCCCCAGCCAACCTCAGTACCAGGACTTGTGGCTGAAAACCCATCTACCC
CGGGAGACTGACGGCAGCTTTAGTTCTCTGCCCTCCGCTTTGCCTATCCCCAGGCTCTTCCCAATGTACCT
TGGGAACAGAGGTGTAACTCTGGGGAGCCTGAGGGTGAGCCCTCACAGTGCCCTGCTCCCAGGGCTG
GGAGTACGACCGCTCAGAATCTCTTCCACCATTTGCAACTGAGTGGGATCTGGTGTGTGAGCAGAGAGGC
CTGAACAAAGTTACATCCACGTGCTTCTTCATCGGCGTGCTGCTGGGGGCTGTGGTGTACGGATACTTGT
CTGACAGGTTTGGCCGGCGCGGCTTCTGCTGGTGGCCTACGTGAGCACCTGGCGCTGGGCTGATGTC
TGCAGCCTCGGTCAACTACATCATGTTTTGTACCACCCGACATGCTCACGGCTCAGCCCTGGCTGGTTTT
ACCATATTGTACTTCCGTTGGAGTTAGAGTGGCTGGATGTGGAGCACCGCACTGTGGCTGGGGTACATCA
GCACCACCTTCTGGACAGGAGGGGTGCTGCTGCTGACCTGGTTGGGTACCTGATACGGAGCTGGCGGTG
GCTTCTGCTAGCTGCCACTCTGCCATGTGTCCGGGCATCATTAGCATCTGGTGGGTACCTGAGTCTGCA
CGATGGCTTCTAACCCAGGGTCGTGTGGAGGAGGCCAAAAAGTACCTGTCCATCTGTGCCAAGCTCAATG
GGCGGCCATAAGTGAGGACAGCCTGAGCCAGGAGGCTCTGAACAAAGTGATCACCATGGAAGGGGTGC
GCAAAGACCCTCGTACTTAGACCTGTTCCGGACATCGCAGCTCCGACACGTCTCACTGTGCTGCATGATG
ATGTGGTTTGGAGTGAACCTTTTCTTACTACGGCCTGACTCTGGACGCTCCGGGCTGGGGCTGACCGTG
ACCAGACACAGCTGCTGTTTCGGGGCTGTGGAGGTGCCTTCCAAAATTACGGTCTTCTTCTTGTGCGTCT
CGTGGGACGCCGCTCACAGAGGCTGGGATGCTGCTGGCCACTGCTCTGACCTTCGGCATCAGCCTGCTG
GTGTCCTCGGACACCAAGTCTTGGATCACTGCTCTGGTGGTGATAGGGAAGCTTTTTCTGAAGCAGCCT
TACTACAGCCTACCTGTTACGTCTGAGTTGTACCCTACTGTGCTCAGACAGACAGGAATGGGATTAC
TGCACTCATAGGCCGGCTAGGGGCTCTCTGGCCCCACTGGTGGTCTTGTCTGGATGGAAGTGGCTGTTA
CTGCCCAAACCTTGCTTATGGGGGATTTCTTCTGGCTGCCTGCACTGTACTCTGCTGCCTGAGACGA
AGAAAGACAGCTGCCAGAGACCATCCAGGACGTGGAAGAAAGGGGAGGAAGATAGACAGATCCGGGAC
TGAATTAGCC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208627 protein sequence

Red=Cloning site Green=Tags(s)

MGFEELLHKVGGFGPFLQRLNLVLLALPRFLLPMHFLLPIFMAAVPAHHCALPDAPANLSHQDLWLKTHLP
RETGDSFSSCLRFAYPQALPNVLTGTEVYNSGEPEGEPLTVPCSQGWEYDRSEFSSTIATEWDLVCEQRG
LNKVTSTCFFIGVLLGAVVGYLSDRFGRRRLLLVAYVSTLALGLMSAASVNYIMFVTTTMLTGSALAGF
TIIIVLPLELEWLDVEHRTVAGVISTTFWTGGVLLLTLVGYLIRSWRWLLAATLPCVPGIISIWWVPESA
RWLLTQGRVEEAKKYLISCAKLNRPISEDLSQEALNKVITMERVSQRP SYLDLFRTSQLRHVSLCCMM
MWFGVNFSYGYLTLDASGLGLTVYQTQLLFGAVEVPSKITVFFLVRVLVGRRLTEAGMLLATALTFGISLL
VSSDTKSWITALVVGKAFSEAAFTTAYLFTSEL YPTVLRQTGMGFTALIGRLGASLAPLVLLDGVWLL
LPKLAYGGISFLAACTVLLLPETKKAQLPETIQDVERKGRKIDRSGTELA

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_144856

ORF Size:	1620 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_144856.1, NP_659105.1</u>
RefSeq Size:	2007 bp
RefSeq ORF:	1623 bp
Locus ID:	108114
UniProt ID:	<u>Q91WU2</u>
Cytogenetics:	17 C
MW:	59.6 kDa