

Product datasheet for **MR209726A1V**

Mouse Slc27a1 (NM_011977) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc27a1 (NM_011977) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc27a1
Synonyms:	Fatp; FATP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209726 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCGGGCTCCTGGAGCAGGAACAGCCTCTGTGGCCTCACTGGCGCTGCTTTGGTTTCTGGGACTTCCGT
GGACCTGGAGCGCGCGCGCGCTTCTGTGTGTACGTGGGTGGCGCGGCTGGCGCTTTCTGCGTATCGT
CTGCAAGACGGCGAGGCGAGACCTCTTTGGCCTCTCTGTTCTGATTCTGTTTCGGCTAGAGCTGCGACGA
CACCGGCGAGCAGGAGACACGATCCCGTGCATCTTCCAGGCTGTGGCCCGGCGACAACCAGAGCGCCTGG
CACTGGTGGACGCCAGTAGTGGTATATGCTGGACCTTCGCACAGCTGGACACCTACTCCAATGCTGTAGC
CAACCTGTTCCGCCAGCTGGGCTTTCACACAGGCGATGTGGTGGCTGTGTTCTGGAGGGCGCGCGGAG
TTCGTGGGACTGTGGCTGGGCTGGCCAAGGCCGGTGTGGTGGCTGCTTCTCAATGTCAACCTGAGGC
GGGAGCCCTTGCCCTTTCGCTGGGCACATCAGCTGCCAAGGCCCTCATTTATGGCGGGAGATGGCAGC
GGCGGTGGCGGAGGTGAGCGAGCAGCTGGGAAGAGCCTCCTCAAGTTCTGCTCTGGAGATCTGGGCGCT
GAGAGCATCTGCCTGACACGCAGCTCCTGGACCCATGCTTGCTGAGGCGCCACCACACCCCTGGCAC
AAGCCCCAGGCAAGGGCATGGATGATCGGCTGTTTTACATCTATACTTCTGGGACCACCGGGCTTCTCTAA
GGCTGCCATTGTGGTGCACAGCAGGTAACCGCATTGCTGCCTTTGGCCACCATTCTACAGCATGCGT
GCCGCCGATGTGCTCTATGACTGCCTGCCACTTACCCTCTGCAGGGAACATCATGGGTGTGGGCGAGT
GCGTCATCTACGGTTGACGGTGGTACTGCGCAAGAAGTTCTCCGCCAGCCGCTTCTGGGATGACTGTGT
CAAGTACAATTGCACGGTAGTGACGTACATAGGTGAAATCTGCCGCTACCTGCTGAGGACGCCGTTTCGC
GACGTGGAGCAGCGACACCGCGTGGCCTGGCCGTGGTAATGGGCTGCGGCCAGCCATCTGGGAGGAGT
TCACGCAGCGCTTCGGTGTGCCACAGATCGGCGAGTTCTACGGCGCTACCGAGTGCAACTGCAGCATTGC
CAACATGGACGCAAGGTGCGCTCCTGCGGCTTCAACAGCCGTATCCTCACGCATGTGTACCCCATCCGT
CTGGTCAAGGTCAATGAGGACACGATGGAGCCACTGCGGGACTCCGAGGGCCTCTGCATCCCGTGCCAGC
CCGGGAACCCGGCTTCTCGTGGGCCAGATCAACCAGCAGGACCCTCTGCGGCGTTTCGATGGTTATGT
TAGTGACAGTGCCACCAACAAGAAGATTGCCACAGCGTTTTCCGAAAGGGCGATAGCGCTACCTCTCA
GGTGACGTGCTAGTGATGGACGAGCTGGGCTACATGTATTTCCGTGACCGCAGCGGGGACACCTTCCGCT
GGCGCGGGGAGAACGTGTCCACCAGGAGGTGGAAGCCGTGCTGAGCCGCTACTGGGCCAGACGGACGT
GGCTGTGTATGGGGTGGCTGTGCCAGGAGTGGAGGGGAAAGCTGGCATGGCAGCCATCGCAGATCCCCAC
AGCCAGTTGGACCCTAACTCAATGTACCAGGAATTACAGAAGGTTCTTGATCCTATGCTCGGCCATCT
TCCTGCGTCTTTCGCCCAGGTGGATACCACAGGCACCTTCAAGATCCAGAAGACCCGGCTGCAGCGTGA
AGGCTTTGACCCCGTCAGACCTCAGACAGGCTCTTCTTTCTAGACCTGAAGCAGGGACGCTATGTACCC
CTGGATGAGAGAGTCCATGCCCGCATTGTGCAGGCGACTTCTCACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209726 protein sequence Red=Cloning site Green=Tags(s) MRAPGAGTASVASLALLWFLGLPWTWSAAAAFCVYVGGGGWRFLRIVCKTARRDLFGLSVLIRVRLELRR HRRAGDTIPCIFQAVARRQPERLALVDASSGICWTFAQLDTYSNAVANLFRQLGFAPGDVVAVFLEGRPE FVGLWLGLAKAGVVAALLNVNLRREPLAFCLGTSAAKALIYGGEMAAVAEVSEQLGKSLLKFCSGDLGP ESILPDTQLLDPLAEAPTTPLAQAPGKGMDRLFYIYTS GTTGLPKAAIVVHSRYRYIAAFGHHSYSMR AADVLYDCLPLYHSAGNIMGVGCVIYGLTVVLRKKFSASRFWDDCVKYNCTVVQYIGEICRYLLRQPV DVEQRHRVRLAVGNLRPAIWEEFTQRFQVPIGEFYGATECNCISIANMDGKVGSCGFNSRILTHVYPIR LVKVNEDTMEPLRDSEGLCIPCQPGEPGLLVGQINQQDPLRRFDGYVSDSATNKKIAHSVFRKGDSAYLS GDVLVMDLGYMYFRDRSGDTFRWRGENYSTTEVEAVLSRLLGQTDVAVYGVAVPGVEGKAGMAAIADPH SQLDPNSMYQELQKVLASYARPIFLRLLPQVDTGTFTKIQKTRLQREGFDPRTSDRLFLLDLKQGRYVP LDERVHARICAGDFSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011977
ORF Size:	1938 bp
Buffer:	PBS with 0.001% Pluronic F828
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_011977.3</u>
RefSeq Size:	2795 bp
RefSeq ORF:	1941 bp
Locus ID:	26457
UniProt ID:	<u>Q60714</u>
Cytogenetics:	8 B3.3
MW:	71.3 kDa