

Product datasheet for **MR225013A1V**

Mouse Slco3a1 (NM_001038643) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slco3a1 (NM_001038643) AAV Particle
Tag:	Myc-DDK
Symbol:	Slco3a1
Synonyms:	5830414C08Rik; Anr1; MJAM; OATP-D; R75096; Slc21a11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR225013 representing NM_001038643
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCAGGGAAAGAAGCCGGGCGGCTCGTCGGGCGCGGCCGGAGCGGCGAGCTGCAGGGGACGAGGCGC
 AGAGGAACAAGAAGAAGAAAAAGAGGTGCTCTGCTTCTCCAACATCAAGATCTTCTGTGTCTGAGTG
 CGCCTTGATGCTGGCGCAGGCTACGGTGGGCGCCTACCTGGTGAGCGTGTGACCACCCTGGAACGCAGG
 TTCAACCTCCAGAGCGCCGATGTGGGTGTGATCGCCAGCAGCTTTGAGATCGGCAACCTGGCGCTGATTC
 TCTTCGTAAGTTACTTCGGAGCAGTGGGCACCGACCGCGCCTCATCGGCTGTGGTGGAATTGTCATGGC
 ACTGGGCGCCCTGCTTTCGGCACTGCCTGAGTTCTCACCACCACTACAAGTACGAGGCTGGCGAGATC
 CGATGGGAGCAGAAGGCCGCGATGTCTGTGCCACCAATGGGTCCAGCAGTGATGAGGGGCCGACCCGG
 ACCTAATCTGCCGTAACCGGACAGCCACGAACATGATGTAATTGCTGCTTATTGGGGCTCAGGTGCTCCT
 GGGCATCGGTGTACCCCGTGACGCCCTGGGGTCTCTATATTGACGACCAGTGGCGAGAAAGGAC
 TCCTCGCTCTACATAGGAATCCTGTTACGATGTTGGTATTTGGACCAGCTGTGGATTTATTCTGGGCT
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 CCCGCGTTGGATCGGAGCCTGGTGGGCGGCTTCTGCTCTGCGGTGCCTTGCTCTTCTCTGTCCTC
 CTGATGTTTGGGTTCCACAATCCCTGCCCCACACTCAGACCCCGGCATGGAGAGTGAGCAGGCCATGC
 TCCAGAAAGAGAATATGAGAGGCCCAAGCCAGCAATGGGGTCTGAGACCCCTTGAGGCCAGACAG
 CAGTGCCTCCTGTTTCCAGCAACTGAGAGTGATCCCAAGGTACCAAGCACCTGCTCTCAAACCTGTG
 TTCACCTGCATCGTCTGGCTGCTTGCATGGAGATTGCTGTGGTGGCTGGCTTCGCTGCCTTCTCGGCA
 AGTACCTGGAACAGCAGTTTAACTCACCCTTCTCTGCCAACCAGCTGCTCGGGATGACGGCGATCCC
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 ATTCGAATGGCCATGCTGGTCAACCTGGTGTCCACAGCCTGCTACGTCTCCTTCTCTTCTGGGCTGTG
 ACACAGGCCCTGTGGCTGGGCTCACTGTTGCTACGGAACAACCTCAGCACGTGGCTCGGCCCTTGACCC
 TTACTCTCCGTGCAACAACAACCTGTGAATGCCAGACGGACTCCTTACGCCAGTGTCGGGGCCGATGGC
 ATCACCTACCTGTCAGCCTGCTTCGCCGGATGCAACAGCACGAACCTCACAGGCTGTGCGTGCCTACCA
 CTGTCCCCCTGAGAATGCCAGCGTGGTCCAGGAAAATGTCCAGTCTGGGTGCCAAGAGGCCTTCTCT
 CACCTTCTCTGTGTGATGTGTGTGTCAGCTTGATCGGGGCCATGGCCAAACCCCTTCTGTCATCATC
 CTCATCAGGACAGTCAGCCCTGAACCTCAAGTCTTATGCGCTGGGAGTTCTTTTCTGCTCCTTCGTTTGT
 TGGGTTTCATCCCCCACCTCTCATCTTCGGGGCCGGCATTGACTCCACCTGTCTGTTCTGGAGCACCTT
 CTGCGGGGAACAAGGCGCTGTGTCCTTACGACAATGTGGTCTACAGATACCTGTACGTGAGCATCGCC
 ATTGCGCTCAAGTCCTTTGCCTTCATCTCTACACCACCAGTGGCAGTGCCTGCGGAAAACTATAAAC
 GCTACATCAAAAACCAGAGGGCGGGCTGAGCACCAGCACAGAGTATCAAGACATTGAGACAGAGAAAAAC
 CTGCCCTGAGTCACAGTCACCTTCAGAAGACTCCTTTGTGCGAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR225013 representing NM_001038643 Red=Cloning site Green=Tags(s) MQGKKPGGSSGGGRSGELQGDEAQRNKKKKKKVSCFSNIKIFLVSECALMLAQGTVGAYLVSVLTTLERR FNLQSAADVGVIASSFEIGNLALILFVSYFGARGHRPRLIGCGGIVMALGALLSALPEFLTHQYKEAGEI RWGAEGRDVCATNGSSSDEGPDPLICRNRTATNMMYLLLIGAQVLLGIGATPVQPLGVSYYDDHVRKD SSLYIGILFTMLVFGPACGFILGSFCTKIYVDAVFIDTSNLDITPDDPRWIGAWWGGFLLCGALLFFSSL LMFGFPQSLPPHSDPGMESEQAMLPEREYERPKPSNGVLRHPLEPDSSASCFQQLRVIPKVTKHLLSNPV FTCIVLAACMEIAVVAGFAAFLGKYLEQQFNLTSSANQLLGMTAIPCACLGIFLGGLLVKKLSLSALGA IRMAMLVNLVSTACYVSFLFLGCDTGPVAGVTVRYGNNSARGSALDPYSPCNNNCECQTDSTPVCADG ITYLSACFAGCNSTNLTGACCLTTPPENASVVPKCPSPGCQEAFLTFLCVMCVCSLIGAMAQTPSVII LIRTVSPELKSALGVLFLLRLRGFIPPLIFGAGIDSTCLFWSTFCGEQGACVLYDNVYRYLYVSIA IALKSFAFILYTTTWQCLRKNYKRYIKNHEGGLSTSTEYQDIETKTCPEQSPSEDSFVRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001038643
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F3851
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_001038643.1, NP_001033732.1</u>
RefSeq Size:	2857 bp
RefSeq ORF:	2079 bp
Locus ID:	108116
UniProt ID:	<u>Q8R3L5</u>
Cytogenetics:	7 D1
MW:	75 kDa