

Product datasheet for **MR230322A1V**

Mouse Slc19a1 (NM_001199271) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc19a1
Synonyms:	AI323572; RFC; RFC-1; RFC1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230322 representing NM_001199271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTGCCCACTGGCCAGGTGGCAGAAAAGCAGGCATACGAAGAGCCCAGGCAGGACCAGAACTGAAAT
 CCTGGCGATGCCTGGTGTCTATCTCTGCTTCTTCGGCTTCATGGCCAGTTGCGTCTGGGAAAAGCTT
 CATCACACCCTTCTCTGGAACGTAAATTCACCAAGGAGCAGGTGACTAACGAGATCATTCGATGCTG
 CCCTACTCCCACCTGGCTGTGCTGGTCCCAGTCTTCTGCTCACCAGTACCTGCGATACAAGCCAGTCT
 TGGTCCTGCAGTGCCTGAGCTTCGTGTGCGTGTGGCTGTTGCTGCTGCTGGGCACATCTGTCGTGCACAT
 GCAACTCATGGAAGTCTTCTACAGCGTCACCATGGCGGCCCGCATCGCCTACTCCTCTACATATTCTCC
 CTGGTGACCCCTCCCGCTACCAGCGCATGGCCAGCTACTCACGGCGGCAGTACTGCTGGGAGTCTTCA
 TCAGCTCTGTGTTGGGCCAGGCGCTGGTCACCGTAGGACATATAAGCACCTATACACTCAACTGTGTCTC
 CCTGGGCTTCATCTCTTCAGCCTGGTCTCTCCCTCTTTCTAAAGCGCCCTAAGCGGAGCCTCTTTTTT
 AACCGCAGTACGCTTGCCTGGAGCCTTGCCCTGTGAGCTGGATCAGATGCACCCGGGGCTGACCGGC
 CAGAAACCAGGAACTAGATCGCATGCTGGCACTTGCAAGGACTCCTTCTGGTGCATGCTAAGTGA
 ACTGGTGAAAAATGCTCGGCAACCACAGCTGCGTCTCTGGTGCCTCTGGTGGGTCTTCAACTCTTCAGGC
 TACTACCTGATCACCTACTATGTGCATGCTCTGGGAGAAGCACTGACAGCAGCCTCAGTACAATGGCG
 CCGTAGATGCCGCTCCACACTGCTGAGCGCCATCACGTCCTTCTCCGCGGCTTCTGAGCATCCGCTG
 GACTCTGTGGTCCAAGCTGGTCATCGCAGGTGTGATCGCCATCCAGGCCAGCCTGGTTTTCTGTATGTT
 CAGATCCGGGACATCTGGGTGTGCTACGTGACCTTTGTGCTTTCCGTGGGGCTACCAGTCTCTGTGCT
 CCATTGCCACTTTTCAGATTGCGTCTTCCCTGTCTAAAGAGCTCTGTGCTTGGTCTTTGGGATCAACAC
 TTTCTAGCTACTGCGCTTAAGACCTGTATCACACTTGTGGTCTCTGACAAGCGGGGTCTGGGTCTCCAA
 GTCCGTGATCAGTCCGTATCTACTTCATATACTTCTGATGCTGTCTATCACCTGCTTTGCTGGGCGG
 GGCTGGATGGCTTAAGGTACTGCCAGCGTGGTCCGCCACAGCCCTGGCCAGGCCAGGAGCTGAGGAG
 TCCCTTGGAGACTTCTGTGCAAGCGATAAGCCTACAGGATGGAGACCTAAGGGGACCGCAGCCCTCAGCG
 CCACAGCTGCTCTCAGAGGATGGCATGGAGGACGACAGGGGAGACTTAAGAGTCGAAGCCAAGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230322 representing NM_001199271
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MVPTGQVAEKQAYEEPRQDHELKSWRCLVFYLCFFGFMAQLRPGESFITPFLLEKFTKEQVTNEIIPML
 PYSHLAVLPVFLITDYLRYKPVLVLQCLSFVVCVWLLLLGTSVVHMLMEVFYSVTMAARIAYSSYIFS
 LVHPSRYQRMASYSRAAVLLGVFISSVLGQALVTVGHISTYTLNCSLGFILFSLVLSLFLKRPKRSLLFF
 NRSTLARGALPCELDQMHPGDRPETRKLDRMLGTCRDSFLVRMLSELVENARQPQLRWLWVFNSSG
 YYLITYYVHVLWRSTDSSLSYNGAVDAASTLLSAITSFSAGFLSIRWTLWSKLVIAGVIAIQASLVFCMF
 QIRDIWVCYVTFVLRGAYQFLVPIATFQIASSLSKELCALVFGINTFLATALKTCITLVVSDKRLGLQ
 VRDQFRIYFIYFLMLSITCFAWAGLDGLRYCQRGRHQPLAQAEQLRSPLETSVQAIQLDGDRLRGPQPSA
 PQLLEDGMEDDRGDLRVEAKA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001199271

ORF Size: 1536 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_001199271.1 , NP_001186200.1
RefSeq Size:	2260 bp
RefSeq ORF:	1539 bp
Locus ID:	20509
UniProt ID:	P41438
Cytogenetics:	10 39.72 cM
MW:	58.2 kDa