

Product datasheet for **MR216943A1V**

Mouse Slc14a1 (NM_028122) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc14a1
Synonyms:	2610507K20Rik; 3021401A05Rik; UT-B; Utb1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR216943 representing NM_028122
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGATAGTCCACCATGGTTAAAGTAGACCGGGGTGAAAACCAGATTTTATCATGCCGCGGGAGAA
GGTGTGGCTTCAAAGTACTTGGCTACGTCACGGGTGACATGAAGGAATTCGCCAAGTGGCTGAAAGACAA
ACCCGTGGTGCTCCAGTTCATGGACTGGATACTTCGTGGCATATCCAGGTGGTGTTCAGCAACCCC
ATCAGTGGAATCCTGATTCTGGTGGGACTTCTGGTCCAGAACCCTGGTGGGCTCTCTGTGGCTGTGTAG
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AGGTTACAATGCCACCCTGGTAGGCATCCTCATGGCTGTCTTCTCAAACAAGGCGGACTATTTCTGGTGG
CTGATATTCCTGTATCTGCTATGTCTATGACTTGCCCGGTTTTCTCGAGCGCGTTGAGCTCCGTGCTCA
GCAAGTGGGACCTGCCCGTCTTCACTCTCCCTTCAACATGGCGTTGTCGATGTACCTGTGACCCACAGG
ACACTACAATACGTTTTTCCCAAGTAACTCTTACACCTGTCAGCTCCGTGCCAACATCACGTGGTCT
GAGCTCAGCGCCCTGGAGCTATTGAAGTCTTCCGGTGGGAGTCGGTCAGATATATGGCTGTGACAACC
CGTGGACAGGCGGCATTTTCCATATGTGCTATCCTGCTCTCCTCCCACTCATGTGCCTGCACGCTGCTAT
TGGATCGTTGCTGGGTGTCATCGCGGGACTCAGTCTTGACGCTCCATTTGAAGACATCTACTTTGGGCTC
TGGGGTTTCAACAGCTCTCTGGCCTGCATTGCAATTGGAGGGATGTTATGGCACTCACCTGGCAGACCC
ACCTCTGGCTCTTGCCGTGTCCTTCACTGCCTACTTCGGAGCCTGTATGGCACACCTGATGGCTGT
GGTTCACCTGCCAGCTTGACCTGGTCTTCTGTTGGCCACACTCTTTCTTGTGCTGACCAAGAA
AATCCCAACATCTACAGGATGCCCTCAGCAAAGTTACCTACTCTGAGGAGAACCAGCATCTTCTACCTCC
AAAACAAGAAAAGGATGGTTGAAAGCCCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>MR216943 representing NM_028122 Red=Cloning site Green=Tags(s) MEDSPTMVKVDRGENQILSCRGRRCGFKVLGYVTGDMKEFANWLKDKPVVLQFMDWILRGISQVVFVSNP ISGILILVGLLVQNPWWALCGCVGTVVSTLTALLSQDRSAIAAGLQGYNATLVGILMAVFSNKGDFWW LIFPVSA MSMTCPVFSSALSSVL SKWDLPVFTLPFNMALSMYL SATGHYNTFFPSKLFTPVSSVPNITWS ELSALELLKSLPVGVGQIYGCDNPWTGGIFLCAILLSSPLMCLHAAIGSLLGVIAGLSLAAPFEDIYFGL WGFNSSLACIAIGGMFMALTWQTHLLALACALFTAYFGACMAHLMVAVHLPACTWSFCLATLLFLLLTTK NPNIYRMPLSKVTYSEENRIFYLQNKRMVESPL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028122
ORF Size:	1152 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_028122.4, NP_082398.1</u>
RefSeq Size:	3675 bp
RefSeq ORF:	1155 bp
Locus ID:	108052
UniProt ID:	<u>Q8VHL0</u>
Cytogenetics:	18 E3
MW:	42.6 kDa