

Product datasheet for **MR222031A1V**

Mouse Slc18b1 (NM_183116) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc18b1 (NM_183116) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc18b1
Synonyms:	1110021L09Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR222031 representing NM_183116
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGAGGCGGGCTCCCCGGCTCCTGCAGGGACAGGAGGAGGTGATGACCCTGGAGGAAGTACAAGAG
 AGACATCCCGGCGACTGTCAAGAGAACAGATTTTTGTGCTGGTATCAGCAGCAAGCATGAACTTGGGTG
 CATGATGACCTATTCCATCCTTGACCATTTTTCCCTAAGGAGGCAGAAAAGAAGGGAGCCAGCAACACC
 ATGATTGGAATGATCTTCGGATGCTATGCGTTATTTGAATTGCTGGCATCTTTGGTGTGGAAAATACC
 TTGTACACATTGGAGCCAAATTTATGTTTATAGCAGGAATGTTTGTCTCAGGAGGAGTTACAATCTCTT
 TGGTGTGTGGATCAACTCCGGAAGGACCGATATTCATTGCCATGTGTTTTCTGGTGAAGATAGTAGAC
 GCCATAGGCTTTGGTGGCCATAACAGCATCGTCATCCATCCTTGCTAAGGCTTTCCCAACAATGTGG
 CTACAGTCATGGGAAGTCTTGAGTTTTCTGGACTGGGGCTGGTAGCAGGCCCCCTTTAGTGGCCT
 TTTGTATCAATCTTTGGCTACGAGTACCCTTTATTTTCTGGGGTGCATAGTCTGCTGATGATACCA
 CTCAACCTATACATTTTGCTTAGTTATGAGTCCGATCCAGGGAAGCAGTCTTCTGGAACTTGTACCT
 TACCAAGATGGGCTCCTAGCCTTCGTGATCATCTCTCTCAGCTCCTGCTTCGGCTTCCTGGACCAAC
 CCTGTCTCTTTGTGATGGAGAAGTTCAGTCTGTCAACTGGATACGTGGGCCTGGTCTTCTGGGTCTG
 TCTCTATCCTACGCCATTTCTTCGCCGTGTTTGGTCTACTCAGCGATAAGATGCCTACTCTAAGGAAAT
 GGCTTCTGGTTTTTGGAACTTAATTACAGCTGGGTGCTACATGCTCTTAGGACCTGTTCTCTTCTGCA
 CATCAAAGTCAGCTCTGGCTTCTGTGTTGGTGTGGTTGTAATGGCATCTCCGCTGGAATGAGCATC
 ATCCCGACCTCCAGAGATGCTCAGCTGTGCATATGCAATGGATTTGAAGACAGCATAAGTACGCTGG
 GACTTGTATCTGGTCTTTTTGGTGCCATGTGGTCAGTTGGAGCTTTCATGGGACCTATCCTGGCGGATT
 TCTGTGTGAGAAAATTGGTTTTCGAGTGGGCAGCAGCTATGCAAGGCTTATGGACTCTGCTAAGTGGTGT
 TCGATGGCCTTATTTATCTCTGGGAGGACTCAACGGCAAGAAGAAGATCTAAAGCTCAGAACAGCCTTG
 GCACAGAGGAGGAACGAGCTGCTCTCTTGCCAATGACACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222031 representing NM_183116
 Red=Cloning site Green=Tags(s)

MDEAGSPAPAGTGGDDPGGSTRETSRRLSREQIFVLVSAASMNLGCMMTYSILGPFPPKEAEKKGASNT
 MIGMIFGCYALFELLASLVFGKYL VHIGAKFMFIAGMFVSGGVITILFGVLDQLPEGPIFIAMCFLVRIVD
 AIGFGAAITASSSILAKAFPNNVATVMGSLEVFSGGLVAGPPLGGLLYQSFGEVVPFIIFLGCIVLLMIP
 LNL YILPSYESDPGKQSFWKLVTL PKMGLLAFV IISLSSCFGLDPTLSL FVMEKFSLSSTGYVGLVFLGL
 SL SYA ISSPLFGLL SDKMPTLRKWL L VFNLI TAGCYMLLGPVPLLLHIKSQLWLLVL VLVNNGISAGMSI
 IPTFPEMLSAYANGFEDSISTLGLV SGLFGAMWSVGFAMGPILGGFLCEKIGFEWAAAMQGLWTL LSGV
 SMALFYLWEDSTARRRSKAQNSLGTEEERAALLPNDT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_183116

ORF Size:

1371 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_183116.2, NP_898939.2</u>
RefSeq Size:	2837 bp
RefSeq ORF:	1374 bp
Locus ID:	76306
Cytogenetics:	10 A4
MW:	49.3 kDa