

Product datasheet for **MR207281A1V**

Mouse Slc29a2 (NM_007854) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc29a2 (NM_007854) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc29a2
Synonyms:	Der12; Ent2; Hnp36
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207281 representing NM_007854
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCGGGAAACGCCCTCGGGACAGCTACCACCTGGTTGGGATCAGCTTCTTCATTCTGGGACTGG
 GCACCCCTCTCCCTGGAACCTTCTTATTACCGCCATCCCGTACTTCCAGGGCGGTTAGCAGGGACCAA
 CAGCAGTGCTGAGACCATGGGCACCAACCACACAGTCCCACAGACACTTTCAACTTCAACAACCTGGGTG
 ACACTGCTGTCCAGCTGCCTCTACTGCTCTTACGCTCCTCAACTCCTTCTGTATCAGTGCATCCCCG
 AGTCGGTGCGGATTCTGGGCAGCCTGCTGGCCATACTACTGCTCTTGGCCTGACAGCAGCGTTGGTGAA
 GGTGGACTTGAGCCCTGGGCTGTTCTTCTGTCCACCATGGCGTCCGCTGGTTCATCAATTCCTCTGT
 GCCGTGCTTCAAGGCAGCCTCTTGGGCAGCTGGGTACCATGCCTTCTACCTACAGCACCTCTTCTCA
 GTGGCCAGGGCCTGGCTGGGATCTTGGCTGCCCTTGTATGCTCATGTCCTGGCCAGTGGCGTGGATGC
 CCAGACCTCTGCTCTTGGATACTTCATCACACCCTGTGTGGGCATCCTCTCTCCATCGTATGTTACCTC
 AGCCTGCCTCATCTGAAGTTTGGCCGTTACTACCTGACCGAGAAGCTGTCTCAGGCTCCAACCTCAGGAGC
 TGGAGACTAAAGCTGAGCTCCTCCAAGCTGATGAGAAGAATGGGGTCCCATCAGCCCCAACAGGCCAG
 CCCAACTCTGGATCTTGACCCTGAGAAGGAGCCAGAGCCGGAGGAGCCACAGAAGCCAGGAAAACCTTCA
 GTCTTTGTTGCTTCCGGAAGATCTGGCTGACGGCGCTGTGCCTTGTGTTGGTCTTACAGTCACCCCTGT
 CGGTCTTCTGCCATCACAGCCATGGTGACCACAGCTCCAATAGCCCCGGGAAGTGGGGTCTGTTCTT
 CAACCCATCTGTTGCTTCTGCTCTTCAACGTCATGGATTGGCTGGGCCGGAGCCTGACCTCCTACTTC
 CTGTGGCCAGATGAGGACAGTCAGCAGCTGCTGCCCTGCTGGTGTGCCTGCGCTTCTGTTTGTCCAC
 TCTTCATGCTGTGCCACGTGCCACGACGCCCGGCTGCCATCATCTTCAGGCAGGATGCCTACTTCAT
 CACCTTCATGCTGCTCTTGGCTGTTTCCAACGGCTACTTGGTGTCTCTCACCATGTGCCTGGCACCCAGG
 CAGGTGTTGCCACATGAGAGGGAGGTAGCCGGAGCCCTCATGACCTTCTTCTGGCCCTGGGACTCTCT
 GCGGAGCCTCCCTCTCTTCTTCAAGGCTTACTC

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MARGNAPRDSYHLVGISFFILGLGTLPLWNFFITAIPYFQGRLAGTNSSAETMGTNHTSPTDTFNFNNWV
 TLLSQLPLLLFTLLNSFLYQCIPESVRILGSLLAIIILFFALTAALVKVDLSPGLFFSVTMASVWFINSFC
 AVLQGSFLGQLGTMPTSTYTLFLSGQLAGIFAALAMLMSLAGVDAQTSALGYFITPCVGILLSIVCYL
 SLPHLKFARYYLTEKLSQAPTQELETKAELLQADEKNGVPIISPQQASPTLDDPEKEPEPEEPQKPGKPS
 VFVFRKIWLALCLVLVFTVTLVFPVITAMVTTSSNSPGKWGLFFNPICCFLLFNVMDWLGRSLTSYF
 LWPDEDSQQLPLLVCLRFLFVPLFMLCHVPQHARLPPIFRQDAYFITFMLLFAVSNGYLVSLTMCLAPR
 QVLPHEREVAGALMTFFLALGLSCGASLSFLFKALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007854

ORF Size:

1368 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_007854.3 , NP_031880.2
RefSeq Size:	2490 bp
RefSeq ORF:	1371 bp
Locus ID:	13340
UniProt ID:	Q61672
Cytogenetics:	19 A
MW:	50.7 kDa