

Product datasheet for **MR215153A1V**

Mouse Slc24a2 (NM_172426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc24a2 (NM_172426) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc24a2
Synonyms:	2810021B17Rik; 6330417K15Rik; AI847460; Nckx2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215153 representing NM_172426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTCCACCAAAGCCCCACAGCCAGGCTCCTGCAGAAATGGTGTTCCCATGAGTCACCATTTGGCT
 GCAGGAGACATTATAATAGCAGGAAAAAAGTGAAGCTAATTCGAGTCATTGGCCTTGTCATGGGCCTGGT
 AGCTGTGAGCACTGTCCCATTTTCAATCAGTGCCTTTACTGAGACAGACTCTCAGAGCAACAGAGGAGAA
 GCCAGTGATATGAGTGGCCCCAGAGTAGCACAGGGTACCCTCAAAGAACTCTCTTAGACTTAAATGACA
 AGATTCGAGATTACCCCCACAGCCACCTGCTTCTCAGGAAGACCAAGCTGAGAACAGTACTGAGCACAC
 CCAGGGAGACTACCCAAAGGACATCTTTCCCTGGAGGAGCGAAGGAAAGGTGCCATCATTCTGCATGTC
 ATTGGGATGATCTATATGTTTCATAGCATTAGCCATCGTCTGTGATGAGTCTTTGTTCTCTCTAACTG
 TCATCACTGAAAACTGGGAATCTCTGATGATGGCTGGAGCCACCTTCATGGCTGCAGGCGGGTCAGC
 CCCAGAACTTTTCACGTCTCTTATAGGGGTCTTCATTGCTCACAGCAATGTCGGCATTGGCACCATCGTG
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 TGACCTGGTGGCGCTCTTTCCGGATGTGTCCTTCTACATCGTTGATTGCTCATGTTGATCACATTTTT
 CCTGGATAACGTTATCATGTGGTGGGAAAGCTTACTCCTCTTAACAGCTTATTTCCGCTATGTGGTTTTT
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 ACGCCTCCAACGAGGCGGAAGCTCTGCCTCCCTCCACAACAGTCTCATGAGGAATAGCATCTTCCAGCTC
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 TGACTGAAGAAGGGAGGTTGAGAGAAAAGCTTCAATTCTCCACAAGATCGCCAAGAAGAAATGCCAAGT
 GGATGAGAATGAGAGGCAGAATGGGGCTGCCAATCATGTGGAATAAATTGAACTCCCCAACAGCACAAAGC
 ACAGAGGTGGAATGACGCCATCGAGCGAAGCTTCGGAACCCGTCAGAAATGGAACCTCTCCCAACA
 TTGAAGCTGCAGATGCCCCGAAGGCCACAGAGACTGCCGAGGAAGAAGATGACCAGCCCCCTCAGCTTGTC
 CTGGCCGACCAACACCCGCAAGCAAGCCACCTTCTAATCGTTTTTCCATTGTGTTCCCTCTCTGGATC
 ACCTTACCTGACGTCCGAAAACCTGCTTCCAGGAAGTTCTTCCCTATCACATTCTTCGGCTCCATCACCT
 GGATTGCAGTTTTCTCATACCTGATGGTGTGGTGGGCACACCAGGTTGGAGAGACAATCGGCATTAGTGA
 AGAAATCATGGGTCTGACCATCTTGGCTGCTGGGACCTCTATCCCTGATCTTATCACCAGTGTCAAGTG
 GCCCGAAAGGGCCTGGGGACATGGCTGTGTCCAGCTCTGTTGGAAGCAACATCTTTGACATCACTGTGG
 GGCTCCCACTGCCCTGGCTCCTCTACACCATCATCCACAGATTAGCCAGTGACTGTGACGAGCAATGG
 CCTCTTCTGTGCCATCGTCTTCTCTTCATCATGTTGCTTTTGTCACTCTCTCATCGCCCTCTGCAAA
 TGGCGGATGAACAAAATCCTCGGCTTCATCATGTTTGGCCTCTACTTCGTGTTCTGGTGGTCAGCGTCC
 TCCTGGAAGACAAAGTTCTCGTGTGCCCTGTCTCCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR215153 representing NM_172426 Red=Cloning site Green=Tags(s) MDLHQSPtarLLQKWCSHESPFGCRRHYNSRKKLKLIRVIGLVMGLVAVSTVPFISAFtETDSQSNRGE ASDMSGPRVAQGHRQRTLLDLNDKIRDYTPQPPASQEDQAENSTEHTQGDYPKDIFSLERRKGAILHV IGMIYMFIALAIVCDEFFVPSLTVITEKLGISDDVAGATFMAAGGSAPELFTSLIGVFIAHSNVGIGTIV GSAVFNILFVIGMCALFSREILNLTWWPLFRDVSFYIVDLLMLITFFLDNVIMWWESLLLLTAYFAYVVF MKFNVQVERWVKQMISRNNAVIVTVPEAQAKSPTAGDKDGPTLPSKPRLQRGGSSASLHNSLMRNSIFQL MIHTLDPLAEELGSYGKLYYDTMTEEGRFREKASILHKIAKKKCQVDENERQNGAANHVEKIELPNSTS TEVEMTPSSEASEPVQNGNLSHNIEAADAPKATETAEEDDQPLSLSWPTNTRKQATFLIVFPIVPLWI TLPDVRKPAARKFFPITFFGSITWIAVFSYLMVWWAHQVGETIGISEEIMGLTILAAGTSIPDLITSVIV ARKGLGDMAVSSSVGSNIFDITVGLPLPWLLYTIHRSPTVTVSSNGLFCAIVLLFIMLLFVILSIALCK WRMNKILGFIMFGLYFVFLVVSLLLEDKVLVCPVSI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172426
ORF Size:	1998 bp
Buffer:	PBS with 0.001% Pluronic F2225
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_172426.2, NP_766014.1</u>
RefSeq Size:	10606 bp
RefSeq ORF:	2001 bp
Locus ID:	76376
Cytogenetics:	4 C4
MW:	74.7 kDa