

Product datasheet for **MR210105A1V**

Mouse Slc34a2 (NM_011402) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc34a2 (NM_011402) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc34a2
Synonyms:	AA536683; D5Ertd227e; NaPi-2b; Npt2b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210105 representing NM_011402
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTCCTTGCCCCGAGTTGGAAAATGCCAGCCCAACCCCGTAAATTCATCGAGGGGCGCTCTGGAC
 CACAATCGAGCATACCTGCCAAAGACAAGGAGGCCAGCAAAACAAATGACAACGGGACTCCTGTAGCCAA
 GACTGAACTGCTACCCTCCTATTCGCCCTGGTTCTCATAGAGGAGCATCCCGAGGGGACGGACCCCTGG
 GACCTGCCTGAACTCCAGGACTGGGATCAAATGGTCAGAGAGAGACACCAAAGGGAAGACGCTCTGCA
 TTTTCCAGGGGTTGGGAAGTTCATTCTCTCTGGGTTTCTCTACTTGTTCGTGTCTCCCTGGATGT
 ACTGAGCAGCGCCTTCAGCTTGTGGAGGCAAAGTGGCCGACAGTTCTTCAGCAACAACCTCCATCATG
 TCTAATCCTGTGGCTGGACTGGTGATAGGGTTCTGGTGACAGTCATGGTTCAAAGCTCCAGCACCTCTT
 CCTCCATCATCGTCAGCATGGTTGCTTCTTCATTGCTGACGGTTCGGGCTGCCATCCCCATCATCATGGG
 CGCTAACATTGGAACCTCCATCACAACACGATCGTGGCGCTTATGCAGGCAGGAGACAGAAATGAGTTC
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 AAGGTCATCCAACAAATCGCAATGGGTGACTCAGCGGCCCAGAACAAAGAGCCTGATCAAGATCTGGTGTA
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 TTGCTGGACTGATGGCATAACAGACCTGGACCATCCAGAACGTTACCCAAAAGGAGAACATTGCTAAATGT
 CAGCACATCTTCGTGAATTCAGTCTCCAGACCTTGTGTGGGCATCATCTTGCTTACTGTCTCCCTGG
 TGGTCTCTGTGGCTGTCTGATCATGATAGTCAAGCTGTTGGGTTCTGTGCTCAGGGGACAAGTCGCTAC
 TGTTCATCAAGAAGACCCGTAATACTGATTTCCCTTTCCCTTTGCTTGGCTGACTGGCTACCTGGCCATC
 CTTGTGGGGCAGGCATGACCTTCATCGTGCAAAGCAGCTCTGTGTTACGTCTGCCATGACTCCACTCA
 TCGGTATTGGGTGATCAGCATTGAGAGGGCATATCCACTCACGTTGGGCTCCAACATTGGCACCACCAC
 CACCGCATTCTGGCTGCTTTAGCCAGCCCAGGCAACACCTTGAGGAGTTCTCTCCAGATTGCCCTGTGC
 CATTTCTTCTTCAACATCTCTGGAATATTGCTTTGGTACCCAATCCATTACCCGTCTGCCATCCGTC
 TGGCTAAAGGCCTAGGCAACATCTCTGCCAAGTATCGCTGGTTCGAGTCTTCTATCTCATCTTCTTCTT
 CTTTGTGACCCCGCTGACAGTGTGGGCTGTCTCTGGCAGGCTGGCCAGTGTGGTGGGCTGGGCGTA
 CCCATCATCCTGTGCTGCTCCTGGTTCTGTGCTCCGGATGCTGCAGTTCGGCTGCCCTCGCATCTTGC
 CCCTGAAGCTCCGGGACTGGAATTTCTACCCTTGTGGATGCACTCTCTGAAACCCTGGGACAACGTCAT
 CTCCCTGGCCACCACCTGCTTCCAGAGGCGTTGCTGCTGCTGTTGCCGCGTGTGCTGCCGTGTGCTGCTG
 ATGGTGTGCGGCTGCAAGTGCTGCTGCTGTCAGCAAGTGCTGTCAGGGACCAGGGAGAGGAAGAGGAGGAGA
 AGGAGCAGGATATCCCGGTCAAGGCTTCTGGGGCCTTTGACAATGCAGCTATGAGCAAAGAGTGCCAAGA
 TGAGGGCAAGGGCCAAGTGAAGTCTGAGCATGAAGGCCCTGTCCAACACTACAGTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210105 representing NM_011402 Red=Cloning site Green=Tags(s) MAPWPELENAQPNPGKFIEGASGPQSSIPAKDKEASKTNDNGTPVAKTELLPSYSALVLEEHPGTD DLPELQDTGIKWSERDTKGKTLCTFQGVGKFILLGFLYLFVCSLDVLSAFQLVGGKVAGOFFSNN SNPVAGLVIGVLVTVMVQSSSTSSIIIVSMVASSLLTVRAAIIIMGANIGTSITNTIVALMQAGDRNEF RRAFAGATVHDFFNWLSVFVLLPLEAATHYLEILTNLVLETFFKFQNGEDAPDILKVITDPFTKLIQ KVIQQIAMGDSAAQNKSLIKIWCKSITNVTEMNVTVPSTDNCTSPSYCWDGIQWTIQNVTQKENIAC QHIFVNFSLPDLAVGIILLTVSLVVLGCLIMIVKLLGSLRGQVATVIKKTNTDFPFPAWL TGYLAI LVGAGMTFIVQSSSVFTSAMTPLIGIGVISIERAYPLTLGSGNIGTTTTAILAALASPGNLT RSSLQIALC HFFFNISGILLWYPIPFTRLPIRLAKGLGNISAKYRWFVAVFYLIFFFFVTPLTVFGLSLAGWPVLVGVGV PIILLLLLVLCLRMLQFRCPRILPLKLRDWNFLPLWMHSLKPWDNVISLATTTCFQRRCCCCCRVCCRVCC MVGCKCCRCCKCCRDQGEETEEKEQDIPVKASGAFDAAAMSKCEQDEGKGQVEVLSMKALSNTTVF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011402
ORF Size:	2091 bp
Buffer:	PBS with 0.001% Pluronic F1203
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_011402.3, NP_035532.2</u>
RefSeq Size:	4185 bp
RefSeq ORF:	2094 bp
Locus ID:	20531
UniProt ID:	<u>Q9DBP0</u>
Cytogenetics:	5 28.92 cM
MW:	76.7 kDa