

Product datasheet for **MR209305A1V**

Mouse Slc13a3 (NM_054055) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc13a3 (NM_054055) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc13a3
Synonyms:	NaDC-3; NaDC3; SDCT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209305 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

 ATGGCGGCGCTGGCGGCGCTGGCCAAGAAGGTGTGGAGCGCGCGGCCTCTGGTGCTGCTGCTGGTGC
CGCTGGCTCTGCTGCCATTCTCTTCGCCCTGCCGCCAAGGAAGGCCGATGCCTCTATGTCATCCTGCT
CATGGCGGTGTACTGGTGACAGAGGCCCTGCCCTGTCACTGACAGCTCTTCTGCCATCATCTCTTC
CCCTTCATGGGATTCTGCCCTCCAGCAAGGTCTGCCCCAGTACTTCTCGACACCAACTTCTCTTCC
TTAGCGGCTGATCATGGCCAGCGCCATAGAGGAATGGAATTGCACCGGAGAATCGCCCTCAAGGTCT
CATGCTGGTTGGGCTCCAGCCTGCAAGGCTCATCTGGGGATGATGGTGACCACGTATTCTGTCTATG
TGGCTGAGCAACACGGCCTCCACGCAATGATGCTACCATTCAGTGCATCCTCAAGAGCCTCTTTG
GCCAGCGCAAGCTCGGAAGGACCTTCCCGGGAAGGCGACGAGACACAGCTGCTGTGAGGGAATGG
ACTGCGAAGCTGCCCCAGGAGATGCACTTTCTTCCAGTTTCGGAAGGAGGTCACTGAGGATGCAGAG
GCCCCGATGGAGCTGCCTGATGACTCCAAGGAGGAGGAACACCGCAGAAACATCTGGAAGGGCTTCTCA
TTTCCATTCTTACTCTGCCAGCATTGGGGGCACTGCCACCCTCACGGGCACCGCCCCAACCTATCCT
GCTCGGCCAGCTCAAGAGTTTCTTCCACAGTGTGATGTGGTGAATTTGGCTCCTGGTTCATCTTCGCC
TTCCCTCTCATGCTGTTGTTCTTACTGGTGGGCTGGCTCTGGATCTCCTTCTCTATGGTGAATGAGCT
GGAGAAGTTGGAGGAAGAAGAAATCCAAGATACGAGCTGACGCAGAGGATCAGGCTAAAGCGGTGATCCA
GGAGGAGTTCCAGAACCTGGGGCCCATCAAGTTTGTCTGAACAGGCCGCTTTCATCTTGTCTGCAGCTT
GCCATCCTCCTCTTCTCCCGGACCCCAAGTTCATCCCTGGCTGGGCCAGCCTCTCGCCCTGGGTTTG
TCTCGGATGCTGTCACCGGTGTGGCATTGTCAACATCCTGTTCTTCTTCCCTTCCAGAAGCCCTCACT
CAAGTGGTGGTTTGACTTCAAAGCTCCCAACTCGGAGACGGAGCCCTGCTGAGCTGGAAGAAGGCCAG
GAGACAGTGCCCTGGAACATTATCCTTCTTCTAGGAGGTGGCTTGGCATGGCCAAGGGCTGTGAGGAGT
CTGGGCTATCAGCATGGATCGGTGGACAGCTGCACCCCTGGAGCATGTCCCCCACTGCTGGCAGTGT
GCTCATACCGTGGTATCGCCTTCTTACGGAGTTTGGCAGCAACACGGCCACCATCATCATCTTCTG
CCCGTCTGGCAGAGCTGGCCATCCGACTGCATGTGCACCCCTTGTACCTGATGATCCAGGCACGGTGC
GCTGCTCTACGCTTCTGCTGCCGTCTCAACACCCCAAACTCCATTGCCTTCTTACTGGACACTT
GCTGGTCAAAGACATGGTGGGACGGGCTGCTGATGAACCTGATGGGTGCTGCTGCTCAGCCTGGCC
ATGAACACCTGGGCACAGACCATCTTCCAGCTGGGCACCTTCCAGACTGGGCCAACACCATGCTGCTA
ACGCCACCGCACTGCCACCAGCCTTGACCAACAACACAGTTCAAACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209305 protein sequence

Red=Cloning site Green=Tags(s)

 MAALAALAKKVWSARRLLVLLLPLALLPILFALPPKEGRCLYVILLMAVYWCTEALPLSVTALLPIILF
PFMGILPSSKVCPCYFLDTNLFSLGLIMASAEWNLHRRIALKVLMLVGVPARLILGMMVTTSFLSM
WLSNTASTAMMLPIASAILKSLFGQREARKDLPREGDESTAAVQGNLRTVPTEMQFLASSEGHTEDAE
APMELPDDSKEEEHRRNIWKGLISIPYSASIGGTATLTGTAPNLILLGQLKSFFPQCDVVNFGSWFIFA
FPLMLLFLLVGWLWISFLYGGMSWRWRKKKSKIRADAEDQAKAVIQEEFQNLGPIKFAEQAVFILFCTF
AILLFSRDPKFIGWASLFAPGFVSDAVTGVAIVTILFFPSQKPSLKWVDFKAPNSETEPLLSWKKAQ
ETVPWNIILLGGGFAMAGKCEESGLSAWIGGQLHLEHVPPLLAVLLITVVIATFEFASNTATIIIFL
PVLAELAIRLHVHPLYLMIPGTVGCSYAFMLPVSTPPNSIAFSTGHLLVKDMVRTGLLMNLMGVLLLSLA
MNTWAQITIFQLGTFPDWANTHAANATALPPLNTNTVQTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_054055
ORF Size:	1800 bp
Buffer:	PBS with 0.001% Pluronic F418
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_054055.2, NP_473396.1</u>
RefSeq Size:	3224 bp
RefSeq ORF:	1803 bp
Locus ID:	114644
UniProt ID:	<u>Q91Y63</u>
Cytogenetics:	2 H3
MW:	66.1 kDa