

Product datasheet for **MR224710A1V**

Mouse Slc2a8 (NM_019488) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc2a8 (NM_019488) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc2a8
Synonyms:	D2Ertd44e; GLUT8; GlutX1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR224710 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCCCGAGGACCCAGGAGACGCAGCCGCTATTGCGGCCACCGAAGCCAGGACTCCCCGCGGCC
 GCCGGGTCTTCTCGCTTCCTTCGCCGCGCTCTGGGACCCCTCAGCTTCGGCTTCGCGCTCGGCTACAG
 CTCCCCCGCCATCCCCAGCCTGCGGCGCACCGACCCCGGCCCTGCGCCTCGGAGACAATGCGGCCTCC
 TGGTTCGGGGCGTCGTGACCTGGGCGCTGCTGCAGGGGGCATACTGGGCGGCTGGCTCCTGGACCGTG
 CAGGGCGCAAGCTGAGCCTCTTGCTCTGCACCGTGCCCTTCGTGACTGGCTTTGTGTATCACCAGCGGC
 CCGGGATGTGTGGATGCTGCTCGGAGGCGCCTCTCACCAGCCTTGCCTGCGGAGTGCCTCACTAGTG
 GCACCGGTTTACATCTCGAAATCGCCTACCCAGCTGTCCGAGGACTGCTCGGCTCCTGTGTGCAGCTGA
 TGGTTGTCACTGGCATCCTCTGGCCTATGTGGCAGGCTGGGTCTAGAGTGGCGCTGGCTGGCCGTGCT
 GGGCTGTGTGCCCCCACCCTCATGCTGCTGCTCATGTGCTACATGCCGAGACCCACGTTTTCTCCTC
 ACTCAACACCAGTACCAGGAGGCCATGGCTGCCTTGCCTTCTGTGGGCTCTGAGGAGGGCTGGGAAG
 AGCCCCCTGTTGGGGCTGAGCACCAGGGCTTCCAGCTGGCCCTGCTGAGGCGCCCTGGCATCTACAAGCC
 CCTCATCATCGGCATTTCCCTCATGGTCTTCCAGCAGCTGTGAGGGTCAATGCTATCATGTTCTATGCC
 AACAGCATCTTCGAGGAGGCCAAGTTCAAGGACAGCAGCCTGGCCTCGGTCACTGTGGGCATAATCCAGG
 TCCTGTTCACTGCTGTGGCGGCCCTCATCATGGACAGAGCAGGGCGAAGGCTGCTCCTGGCCTTGTGCGG
 TGTGATCATGGTGTTCAGTATGAGTGCCCTTGGTACCTACTTCAAAGTGAAGCAGAGCCTCCCCAGCAAC
 TCCTCCACGTAGGCCTGGTGCCATCGCGCGGAGCCTGTGGATGTCCAAGTGGGACTGGCCTGGCTGG
 CTGTAGGCAGCATGTGCCTCTTCATTGCTGGCTTTGCGGTGGGCTGGGACCCATCCCTGGCTCCTCAT
 GTCAGAGATCTTCCCTCTGCATGTCAAGGGTGTGGCTACCGGCATCTGCGTCTCACCAGTGGTTTCATG
 GCCTTTCTAGTGACCAAAGAGTTGAGCAGCGTCATGGAGATGCTCAGACCCTACGGTGCCTTCTGGCTCA
 CCGCTGCCTTCTGCGCTCTCAGTGTCTATTACACTGACCGTTGTCCCTGAGACTAAAGGCAGGACTCT
 GGAACAAGTCACAGCCCATTTTCGAGGGACGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224710 protein sequence
 Red=Cloning site Green=Tags(s)

MSPEDPQETQPLLRPEARTPRGRRVFLASFAAALGPLSFGFALGYSSPAIPSLRRTAPPALRLGDNAAS
 WFGAVVTLGAAAGGILGGWLLDRAGRKLSLLCTVPFVTGFAVITAARDVWMLLGRRLLTGLACGVASLV
 APVYISEIAYPAVRGLLGSCVQLMVVTGILLAYVAGWLEWRWLAVLGCVPTLMLLMCYMPETPRFLL
 TQHQQEAMAAALRFLWGSEEGWEEPPVGAHQGFQLALLRRPGIYKPLIIGISLMVVFQQLSGVNAIMFYA
 NSIFEEAKFKDSSLASVTVGIIQVLFATAALIMDRAGRRLLLALSGVIMVFSMSAFGTYFKLTQSLPSN
 SSHVGLVPIAAEPVDVQVGLAWLAVGSMCLFIAGFAVGWGPWPWLLMSEIFPLHVKGVAATGICVLTNWMF
 AFLVTKEFSSVMEMLRPYGAFWLTAAFCALSVLFTLTVPETKGRLEQVTAHFEGR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_019488

ORF Size:

1431 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_019488.4</u>
RefSeq Size:	2083 bp
RefSeq ORF:	1434 bp
Locus ID:	56017
UniProt ID:	<u>Q9JIF3</u>
Cytogenetics:	2 22.09 cM
MW:	51.5 kDa