

Product datasheet for **MR208202A1V**

Mouse Slc2a4 (NM_009204) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc2a4 (NM_009204) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc2a4
Synonyms:	Glut-4; Glut4; GT2; twgy
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208202 representing NM_009204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGTCGGGTTTCCAGCAGATCGGCTCTGACGATGGGAACCCCTCGGCAGCGAGTGACTGGAACAC
 TGGTCCTAGCTGTATTCTCAGCTGTGCTTGGCTCCCTTCAAGTTGGCTATAACATTGGGGTTATCAATGC
 CCCACAGAAGGTGATTGAACAGAGCTACAATGCAACGTGGCTGGGTAGGCAAGGTCTGGGGACCGGAT
 TCCATCCACAAAGGCACCCTCACTACGCTCTGGGCTCTCTCCGTGGCCATCTTCTCTGTGGGTGGCATGA
 TCTCTTCTTTCTCATTGGCATCATTCTCAATGGTTGGGAAGGAAAAGGGCTATGCTGGCCAACAATGT
 CTTGGCCGTGTTGGGGGCGCCCTCATGGGCTAGCCAATGCCGCGCCCTCTATGAGATACTCATTCTT
 GGACGGTTCCTCATTGGCGCTACTCAGGGCTAACATCAGGGCTGGTCCCATGTATGTGGGAGAAATCG
 CCCCCACTCATCTTCGGGGTGCCTTGGGAACACTCAACCAACTGGCCATCGTCATTGGCATTCTGGTTGC
 CCAGGTGCTGGGCTTGGAGTCTATGCTGGGCACAGCTACCCTGTGGCCACTGCTTCTGGCTCTCACAGTA
 CTCCCTGCTCTCTGCAGCTGATTCTGCTGCCCTTCTGTCTGAGAGCCCCAGATACCTCTACATCATCC
 GGAACCTGGAGGGGCTGCCCGAAAGAGTCTAAAGCGCCTGACCGGCTGGGCTGATGTGTCTGACGCACT
 AGCTGAGCTGAAGGATGAGAAACGGAAGTTGGAGAGAGAGCGTCCAATGTCTTGTCTCCAGCTCCTGGGC
 AGCCGCACCCACCGGCAGCCTCTGATCATCGCAGTGGTGTGCTGACGCTGAGCCAACAGCTCTCAGGCATCA
 ATGCTGTTTTCTACTATTCAACCAGCATCTTCGAGTCGGCTGGGTGGGACAGCCAGCCACGCCACCAT
 AGGAGCTGGTGTGGTCAATACGGTCTTCACGTTGGTCTCGGTGCTTTAGTAGAACGAGCTGGACGACGG
 ACATCCATCTGTTGGCCTGGCCGCGATGTGTGGCTGTGCCATCTTGATGACCGTGGCTCTGCTGCTGC
 TGGAACGGGTTCCAGCCATGAGCTATGTCTCCATCGTGGCCATATTTGGCTTTGTGGCCTCTTTGAGAT
 TGGCCCTGGCCCATTCCTGGTTCATTGTGGCAGAGCTCTTCAGCCAGGGCCCCCGCCAGCCGCATG
 GCTGTCTGCTGTTTCTCCAACCTGGACCTGTAACCTCATTGTGCGCATGGGTTTCCAGTATGTTGCGGATG
 CTATGGGTCTTACGTCTTCTTCTATTTGCCGCTCCTCCTGCTTGGCTTCTTCTCATCTTACCTTCTCTAAA
 AGTGCCTGAAACCAGAGGCCGGACGTTTGACCAGATCTCAGCTGCCTTCCGACGGACACCTTCCCTTTTA
 GAGCAGGAGGTGAAACCCAGTACAGAATTGAATACTTAGGGCCAGATGAGAATGAC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208202 representing NM_009204
 Red=Cloning site Green=Tags(s)

MPSGFQQIGSDDGEPQRVTGTLVLAVFSAVLGSLQFGYNIGVINAPQKVIEQSYNATWLGRQGPGGPD
 SIPQGLTTLWALSVAIFSVGGMISSFLIGIISQWLGRKRAMLANNVLAVLGGALMGLANAAASYEILIL
 GRFLIGAYSGLTSGLVPMYVGEIAPTHLRGALGTLNQLAIVIGILVAQVLGLESMLGATLWPLLLALTV
 LPALLQLILLPFCPEsprYLYIIRNLEGPARKSLKRLTGWADVSDALAEKDEKRKLERERPMSLLQLLG
 SRTHRQPLIIAVVLQLSQQLSGINAVFYSTSFESAGVGPAYATIGAGVVNTVFTLVSVLLVERAGR
 TLHLLGLAGMCGCAILMTVALLLLERVAMPYSIVAIFFGFVAFFEIGPGPIPWFIVAELFSQGPRAAM
 AVAGFSNWTCNFIVGMGFQYVADAMPYVFLFAVLLLGFFIFTFLKVPETRGRTFDQISAAFRRTPSLL
 EQEVKPESTELEYLGPDEND

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_009204

ORF Size:

1527 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_009204.2</u> , <u>NP_033230.2</u>
RefSeq Size:	2822 bp
RefSeq ORF:	1530 bp
Locus ID:	20528
UniProt ID:	<u>P14142</u>
Cytogenetics:	11 42.93 cM
MW:	55.2 kDa