

## Product datasheet for **MR208859A1V**

### Mouse Slc1a7 (NM\_146255) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc1a7 (NM_146255) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc1a7
Synonyms:	A930031E15Rik; Eaat5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208859 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGTCTGACGCTGTCTGGCTCGAGGGCGCACAGTGTGAAGCACAAACGGGCTGCTCATCTGTCTG  
 TGCTCTCTGTCATCGTGGGCTGCCTCCTTGGCTTCTTCCCTCAGGACCCAGCGCCTCTACCACAGGAGAT  
 TAGTTACTTCCAGTTCCTGGGAACTCTTGATGCGGATGCTGAAGATGCTGATCCTACCACTGGTGGTC  
 TCCAGCTTGATGTCGGCCTTGCTCCCTGGATGCCAAGACCTCCAGCCGCTTGGGGATCCTCACCGTGG  
 CATACTACCTGTGGACTACCTTCTGGCTGTTGTTGGGTCATCATGGTCTCCATCATCCACCCTGG  
 TGGTGCAGCACAGAAGGAGACAACCTGAACAGAGTGAAGCCGGTTCATGAGCTCAGCTGATGCCCTCTG  
 GATCTTGTCCGGAACATGTTCCAGCCAACCTGGTAGAAGCCACGTTCAAACAGTACCGCACCAAGACCA  
 CCCAGTTATCAAGTCTCCAGGGGAGCAGCGGAGGAGCTCCCGCGGATCGTCATCTATGGGGTCCA  
 GGAAGACAATGGCTCACGTGTGAGAACCTTCCCTGGATCTGACGCCCCACCTGAGATTGTCTACAAG  
 TCAGAGCTGGTACCAGTGTGGCATGAACGTGCTAGGCATTGTATCTTCTCAGCCACGATGGGTATCA  
 TGCTGGGCCGATGGGTGACAGCGGGACGCCCTGGTCACTTCTGTGAGTGCCTTAATGAGTCTGTCAT  
 GAAGATCGTGGCAGTGGCAGGGTGGTACTTCCCTTGGCATTGTCTTCTGATCGTGGCAAGATCTTG  
 GAGATGGATGACCCCAAGGCAGTGGGAAAAAGCTGGGCTTCTACGCCGTGACTGTGTTTGGGGCTGG  
 TGGTCCACGGTCTCCTCATCTGCCCTACTGTACTTCCCTCATACCAAGAAGAACCCCATCGTCTTCAT  
 CCGAGGCGTCTCCAGGCTCTGCTCATTGCGTTGGCCACCTCCTCCAGCTCAGCCACACTGCCATCACC  
 TTCAAGTGCCTGCTGGAGAACAACCATATCGACCGCCGATCGCTCGCTTCTGCTGCCTGTGGCGCCA  
 CCATCAACATGGATGGCACCCGCTCTACGAGCCGCTGGCTGCCATCTTATCGCCCAGGTCAACAATA  
 TGAGTAGACTTGGACAGATCATCACTATCAGCATCACGGCCACGGCAGCCAGCATTGGGGCGGCTGGC  
 ATCCCCAGCGGGGCTCGTACCATGGTTCATCGTGTGCTCACCTCTGTGGGACTGCCGACCGATGACATCA  
 ACCTCATCATAGCTGTAGACTGGGCACTGGATCGCTTCCGAACCATGATTAATGTGCTGGGTGATGCACT  
 GGCGGCAGGGATCATGGCCACATCTGCCGGAAGGATTTGCTCAGGACATGGGCACTGAGAAATTGCTA  
 CCCTGTGAGACCAAGCCAGTGCAGTGCAGGAGATCGTGGTCCCGCAGCAGAATGGTGTGTGAAGAGTG  
 TGGCTGAGGCCTCAGAGCTAACCTGGGCCACGTGCCCCACCACATCCCAGTCCAGGTAGAGCAGGA  
 TGAGGATCCAGCCGCTGCCAGCCTAGACCCTGTACTATTGAGATCAGTGTGAGCTAGAGACCAACGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208859 protein sequence  
 Red=Cloning site Green=Tags(s)

MVLDAVLARGRTVCKHNGLLILSVLSVIVGCLLGGFFLRTQRLSPQEISYFQFPGELLMRMLKMLILPLVV  
 SSLMSGLASLDAKTSSRLGILTVAYYLWTTFLAVVVGIIIMVSI IHPGGAAQKETTEQSGKPMSSADALL  
 DLVRNMFANLVEATFKYRKTTPVIKSPRGAEEAPRRIVIVGVQEDNGSRVQNFALDLTPPPEIVYK  
 SEPGTSDGMNVLGIVIFSATMGIMLGRMGDSGTPLVSFCQLNESVMKIVAVAGWYFPFIVFLIAGKIL  
 EMDDPKAVGKKLGFYAVTVVCGLVVHGLLILPLLYFLITKKNP I V F I R G V L Q A L L I A L A T S S S S A T L P I T  
 FKCLLENNHIDRRIRFVLPVGATINMDGTALYEAVAAIFIAQVNNYELDFGQIITISITATAASIGAG  
 IPQAGLVTMVIVLTSVGLPTDDINLIIAVDWALDRFRMTINVLGDALAAGIMAHICRKFADQDMGTEKLL  
 PCETKPVTLQEIVAAQQNGCVKSVAEASELTLGPTCPHHIPVQVEQDEDPAAASLDHCTIEISELETNV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_146255

<b>ORF Size:</b>	1680 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_146255.1</a></u>
<b>RefSeq Size:</b>	3005 bp
<b>RefSeq ORF:</b>	1710 bp
<b>Locus ID:</b>	242607
<b>UniProt ID:</b>	<u><a href="#">Q8JZR4</a></u>
<b>Cytogenetics:</b>	4 C7
<b>MW:</b>	60.1 kDa