

## Product datasheet for **MR230169A1V**

### Mouse Slc7a9 (NM\_001199015) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | Slc7a9                     |
| Synonyms:      | CSNU3                      |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |



**ORF Nucleotide Sequence:** >MR230169 representing NM\_001199015  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGGAGACAAGCCTGAGGAGACGAGAGAGGATGAGAAATCCACCCACAGTACTGAACTCAAGACCA  
 CAAGTCTCCAGAAAGAGGTGGGTCTTCTCAGTGGCATCTGTATCATTGTGGGACCATCATCGGCTCCGG  
 GATCTTCATCTCCCCAAGTCTGTGCTGGCCAACAGAAATCCGTGGGGCCCTGTCTCATATATGGGCC  
 GCCTGTGGAATCCTGGCTACACTGGGCGCCCTGTGCTTTGCAGAGCTTGGCACAATGATTACCAAGTCAG  
 GGGGTGAGTACCCCTATCTGATGGAGGCCCTTTGGCCCCATCCCTGCCTACCTCTTCTCCTGGACGACCT  
 GATCGTCATGAAGCCCTCATCCTTCGCCATCATCTGCCTCAGCTTTTCAGAGTATGTGTGTGCAGCCTTT  
 TACTCAGGTTGCAAGCCTCCTGCTGTGGTAGTGAAGTCTGGCTGCTGCTGCCATCTTGTTTATCACGA  
 CAGTGAATGCGCTAAGCGTGCGGCTTGGCAGCTATGTCCAGAATGTCTTACGGCAGCCAAGATGGTGAT  
 CGTGGCCATCATCATCATCAGCGGACTGGTCTTCTGGCCCAAGGAAATGTAAGAAGTCTTCAAGATTCT  
 TTTGAGGGTACACAGACCTCTGTGGGTGCCATCAGTCTGGCATTTCACATGGAAGTCTGGGCTACGATG  
 GTTGGAACCAACTCAACTATATCACTGAAGAGCTTAGAAACCTTACAGAAACCTGCCATGGCCATTGT  
 CATTGGGATTCCTCTGGTGACCGTATGCTACATCCTCATGAATATTGCCTACTTCACAGTATGACCCCA  
 ACGGAGCTCTTGCAGTCCCAGGCTGTGGCTGTGACCTTCGGAGACCGGCTTCTCTATCCAGCATCTTGGG  
 TAGTCCCACTTTTTGTGGCATTTCACCATCGGTGCTGCTAATGGTACCTGCTTTACAGCCGGCAGGCT  
 CATCTATGTGGCAGGCCGGGAAGGCCACATGCTTAAAGTGTCTCTACATCAGTGTCAAGCGCCTCACG  
 CCAGCCCTGCCCTCATATTTATGGTATAATAGCCATCATTTACATCATCCCTGGGACATCAACTCCT  
 TAGTCAATTATTTAGTCTTGTGCTGCTGCTTTATGGTATGACAATCCTAGGACTCGTTGTGATGCG  
 ATTCACAAGGAAAGATCTAGAGAGGCCCATCAAGGTGCCCTCTTCATCCCTATCATTGTGATTCTCGTA  
 TCTCTTTTCTGATCCTGGCTCCAATCATCAGTGAAGCGGCTGGGAGTATCTCTACTGTGTGTTGTTCA  
 TACTGAGTGGACTATATTTTACTTCTTTTGTCTACTACAAGTTCGGATGGGCCAGAGAATCCAG  
 GCCGCTCACAAGCACCTGCAGATGCTCATGGAAGTCGTCCACCAGAAAGGACCCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR230169 representing NM\_001199015  
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MEETSLRRRREDEKSTHSTELKTTSLQKEVGLLSGICIIIVGTIIGSGIFISPKSVLANTESVGPCLIIWA  
 ACGILATLGALCFELGTMITKSGGEYPYLMEAFGPIPAYLFSWTSIIVMKPSSFAIICLSFSEYVCAAF  
 YSGCKPPAVVVKLLAAAAILFITTVNALSVRLGSYVQNVFTAAMVIVAIIIISGLVFLAQGNVKNFQNS  
 FEGTQTSVGAISLAFYNGLWAYDGNQNLNYITEELRNPYRNLPMIAIVIGIPLVTVCYILMNIAYFTVMT  
 PTELLQSQAVAVTFGDRVLYPASWVPLFVAFSTIGAANGTCFTAGRLIYVAGREGHMLKVLISYISVKRLT  
 PAPALIFYGIIAIIYIIPGDINSLVNYFSFAAWLFYGMTILGLVVMRFTRKDLERPIKVPFIPIIIVILV  
 SLFLILAPIISEPAWEYLYCVLFILSGLIFYFLFVYKFGWAQRISRPVTKHLQMLMEVVPPEKDPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse

**Serotype:** AAV-2

**ACCN:** NM\_001199015

**ORF Size:** 1461 bp

**Buffer:** 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>       | <a href="#">NM_001199015.1</a> , <a href="#">NP_001185944.1</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>  | 1814 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1464 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 30962                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <a href="#">Q9QXA6</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 7 B2                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>           | 53.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |