

## Product datasheet for **MR230023A1V**

### Mouse Slc29a1 (NM\_001199113) AAV Particle

#### Product data:

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                                  |
| Tag:                     | Myc-DDK                                                                        |
| Symbol:                  | Slc29a1                                                                        |
| Synonyms:                | 1200014D21Rik; AA407560; ENT1                                                  |
| Mammalian Cell           | None                                                                           |
| Selection:               |                                                                                |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence: | >MR230023 representing NM_001199113<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGACAACCAAGTCACCAAGCCTCAGGACAGGTATAAGGCAGTATGGCTTATCTTCTTTGCTGGGCTGG  
GGCACTGCTCCCTGGAATTTTTATGACCGCAACCAAGTATTTACAAACCGCTGGACGTGTCCCA  
GAATGTGCTCTCGGACACTGATCAATCATGCGAAAGCACCAGGCCTTGGCTGACCCACAGTGGCCTTG  
CCAGCCCGGAGTTCTCTCAGTGCCATCTTCAACAATGTCATGACCTGTGTGCCATGCTGCCCTTGCTGG  
TCTTCACTGCCTCAACTCGTTTCTGCATCAGCGGATCTCTCAATCTGTTCCGATCTTGGGCGAGCCTGCT  
GGCAATCCTGCTGGTATTCCTTGCTCACTGCCGCCCTGGTGAAGTGGAGATGGATGCTCTGATCTTCTTT  
GTCATCACCATGATCAAGATTGTGCTCATCAATTCATTTGGTGCCATTTTGCAAGCCAGCCTTTTTGGTC  
TGGCAGGTGTCTGCCAGCCAACTACACAGCCCCCATCATGAGTGCCAGGGCCTGGCTGGCTTCTTAC  
CTCTGTCGCCATGATCTGTGCCATTGCCAGTGGTTCTGAGCTGTCAGAAAGCGCCTTTGGCTACTTCATC  
ACAGCCTGTGCAGTTGTCAATTTGGCCATCCTGTGCTACCTGGCTCTGCCTCGGACGGAATTCATCGCC  
ATTACCTGCAGCTCAACCTTGCGGGGCCTGCAGAGCAGGAGACCAAGTTGGATCTCATAAGTAAAGGAGA  
GGAGCCAAAAGGAAGAAGAGAGGAATCTGGGGTGCCAGGCCCAACTCTCCACCACCAACAGAAACAG  
TCTATCAAAGCCATACTAAGAGTATCTGTGTCGCCGCTCTGTCTGTCTGCTTCATCTTACGGTTACCA  
TTGGGTTGTTCCCTGCTGTGACTGCTGAGGTGGAATCCAGCATCGCAGGCACAAGTCCCTGGAAAAGCTA  
CTTCATTCCTGCTGGCCTGTTTCTTGAATTTCAATGTCTTTGACTGGCTAGGCCGGAGCCTCACTGCTGTC  
TGCAATGGCCTGGCCAGGATAGCCGCTGGCTGCCGTTTGGTGCCTCGAGGATTGTGTTTATTTCCCT  
TGCTGATGCTCTGCAACGTGAAGGCTCGCCACTGCGGCGCGCAGCGGCACCACTTCGCTTTAAGCATGA  
CGCCTGGTTATCGCCTTCATGGCTGCCTTTGCCTTCTCAATGGTACCTCGCCAGCCTCTGCATGTGC  
TTCGGGCCCAAGAAAGTCAAACCAGCTGAGGCGGAGACAGCAGGAAACATCATGTCCTTCTTCTGTGTC  
TGGGCTGGCTCTGGGAGCTGTGTTGCTCTTGTGTTAAGGGCACTTGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR230023 representing NM_001199113</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTTSHQPQDRYKAVWLIFFFVLGLGTLLPWNFFMTATKYFTNRLDVSQNVSSDTQSCSTKALADPTVAL<br/> PARSSLSAIFNNVMTLCAMLPLLVTCLNSFLHQRISQSVRILGSLLAILLVFLVTAALVKVEMDALIFF<br/> VITMIKIVLINSFGAILQASLFGLAGVLPANYTAPIMSGQGLAGFFTSMAMICAIASGSELSAFAFGYFI<br/> TACAVVILAILCYLALPRTEFYRHYLQLNLAGPAEQETKLDLISKGEPPKGRREESGVPGPSPTNRNQ<br/> SIKAILKSICVPALSVCFIFTVTIGLFPVTAEESSIAGTSPWKSYPFIPVACFLNFNVDWLGRSLTAV<br/> CMWPGQDSRWLPVLVASRIVFIPLLMCLNVKARHCGAQRHFFVFKHDAWFIAFMAAFASNGYLASLCMC<br/> FGPKKVKPAEAETAGNIMSFFLCLGLALGAVLSFLLRALV</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ACCN:</b>             | NM_001199113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 1380 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_001199113.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 2107 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>       | 1383 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 63959                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>       | <u><a href="#">Q9JIM1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cytogenetics:</b>     | 17 B3- C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 50.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |