

## Product datasheet for **RC209523A1V**

### Human **SLC39A9 (NM\_018375) AAV Particle**

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human SLC39A9 (NM\_018375) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** SLC39A9  
**Synonyms:** ZIP-9; ZIP9  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC209523 ORF sequence  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGATGATTTTCATCTCCATTAGCCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTGGCCGGAATCA  
TTCCCTTGGCTGTTAATTTCTCAGAGGAACGACTGAAGCTGGTGACTGTTTTGGGTGCTGGCCTTCTCTG  
TGGAACTGCTCTGGCAGTCATCGTGCCTGAAGGAGTACATGCCCTTTATGAAGATATTCTTGAGGGAAAA  
CACCACCAAGCAAGTGAACACATAATGTGATTGCATCAGACAAAGCAGCAGAAAAATCAGTTGTCCATG  
AACATGAGCACAGCCACGACCACACACAGCTGCATGCCATATTGGTGTTCCCTGTTCTGGGCTTCGT  
TTTCATGTTGCTGGTGGACCAGATTGGTAACTCCCATGTGCATTCTACTGACGATCCAGAAGCAGCAAGG  
TCTAGCAATTCAAAAATCACCACCACGCTGGGTCTGGTTGCCATGCTGCAGCTGATGGTGTGCTTTGG  
GAGCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGGCAATCATGTACATAAGGC  
ACCAGCTGCTTTTGGACTGGTTTCCTTCTTGATGCATGCTGGCTTAGAGCGGAATCGAATCAGAAAGCAC  
TTGCTGGTCTTTGCATTGGCAGCACCAGTTATGCCATGGTGACATACTTAGGACTGAGTAAGAGCAGTA  
AAGAAGCCCTTTCAGAGGTGAACGCCACGGGAGTGGCCATGCTTTTCTCTGCCGGGACATTTCTTTATGT  
TGCCACAGTACATGTCTCCCTGAGGTGGCGGAATAGGGCACAGCCACAAGCCCGATGCCACGGGAGGG  
AGAGGCCTCAGCTGCCTGGAAGTGGCAGCCCTGGTTCTGGGTTGCCTCATCCCTCTCATCTGTCTAGT  
GACACCAGCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC209523 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MDDFISISLLSLAMLVGCYVAGIPLAVNFSEERLKLVTVLGAGLLCGTALAVIVPEGVHALYEDILEGK          HHQASETHNVIASDKAAEKSVVHEHEHSHDHTQLHAYIGVSLVLGFVFMLLVDQIGNSHVHSTDDPEAAR          SSNSKITTTTLGLVVHAAADGVALGAAASTSQTSVQLIVFVAIMLHKAPAAFGLVSFLMHAGLERNRIRKH          LLVFALAAPVMSMVTYLGLSKSSKEALSEVNATGVAMLF SAGTFLYVATVHVLPVGGIGHSHKPDATGG          RGLSCLEVAALVLGCLIPLILSVGHQH</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_018375
<b>ORF Size:</b>	921 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>	<a href="#">NM_018375.2</a>
<b>RefSeq Size:</b>	5438 bp
<b>RefSeq ORF:</b>	924 bp
<b>Locus ID:</b>	55334
<b>UniProt ID:</b>	<a href="#">Q9NUM3</a>
<b>Cytogenetics:</b>	14q24.1
<b>MW:</b>	32.2 kDa