

Product datasheet for **RC225834A1V**

Human SLC7A9 (NM_001126335) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC7A9
Synonyms:	BATI; CSNU3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225834 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGGATACTGGCCTGAGAAAGCGGAGAGAGGATGAGAAGTCGATCCAGAGCCAAGAGCCTAAGACCA
 CCAGTCTCCAAAAGGAGCTGGGCCTCATCAGTGGCATCTCCATCATCGTGGGCAACCATATTGGCTCTGG
 GATCTTCGTTTCCCCAAGTCTGTGCTCAGCAACACGGAAGCTGTGGGGCCCTGCCTCATCATATGGGCG
 GCTTGCGGGGTCTCGCGACGCTGGGTGCCCTGTGCTTTGCGGAGCTTGGCACAATGATACCAAGTCAG
 GGGGAGAGTATCCCTACCTGATGGAGGCCACGGGCCCATCCCCGCTACCTCTTCTCCTGGGCCAGCCT
 GATCGTCATTAAAGCCACGTCTTCGCCATCATCTGCCTCAGCTTCTCCGAGTATGTGTGTGCGCCCTTC
 TATGTGGGCTGCAAGCCTCCTCAAATCGTTGTGAAATGCCTGGCCGCCGCCCATCTTGTTTCATCTCGA
 CAGTGAACCTACTGAGCGTGCGGCTGGGAAGCTACGTCCAGAACATCTTACCAGCGGCCAAGCTGGTGAT
 CGTGGCCATCATCATCAGCGGGCTGGTCTCTGGCCCAAGGAAACACAAAGAATTTTGATAATTCT
 TTCGAGGGCGCCAGCTGTCTGTGGGAGCCATCAGCCTGGCGTTTACAATGGACTCTGGGCTATGATG
 GATGGAATCAACTCAATTACATCAGAGAAGAACTAGAAACCTTACAGAAACCTGCCTTTGGCCATTAT
 CATCGGGATCCCCCTGGTGACGGCTGTGCTACATCCTCATGAACGTGTCTACTTACCAGTATGACTGCC
 ACCGAACTCCTGCAGTCCAGGCGGTGGCTGTGACATTTGGTGACCGTGTCTCTATCCTGCTTCTTGA
 TCGTTCCACTTTTGTGGCATTTCACCATCGGTGCTGCTAACGGGACCTGCTTCACAGCGGGCAGACT
 CATTTACGTGGCGGGCGGGAGGTCACATGCTCAAAGTGCTTTCTTACATCAGCGTCAGGCGCCTCACT
 CCAGCCCCCGCCATCATCTTTATGGTATCATAGCAACGATTTATATCATCCCTGGTGACATAAACTCGT
 TAGTCAATTATTTAGCTTTGCCGATGGCTGTTTATGGCCTGACGATTCTAGGACTCATCGTGATGAG
 ATTTACAAGGAAAGAGCTGGAAGGCATCAAGGTGCCCGTAGTCATTCCCGTCTTGATGACACTCATC
 TCTGTGTTTTTGGTCTGCTCCAATCATCAGCAAGCCACCTGGGAGTACCTCTACTGTGTGCTGTTTA
 TATTAAGCGGCCTTTATTTTACTTCTGTTTGTCCACTACAAGTTTGGATGGGCTCAGAAAATCTCAA
 GCCGATTACCATGCACCTTCAGATGCTAATGGAAGTGGTCCACCGGAGGAAGACCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225834 protein sequence
 Red=Cloning site Green=Tags(s)

MGDTGLRKRREDEKSIQSQEPKTTSLQKELGLISGISIIVGTIIGSGIFVSPKSVLSNTEAVGPCLIIWA
 ACGVLATLALCFELGTMITKSGGEYPYLMEAYGPIPAYLFSWASLIVIKPTSFATLCLSFSEYVCAFP
 YVGCKPPQIVVKLAAAAILFISTVNSLSVRLGSYVQNIPTAAKLIVIVAIISGLVLLAQNTKNFDNS
 FEGAQLSVGAISLAFYNGLWAYDGNQNLNYITEELRNPNRNLPLAIIIGIPLVTACYILMNVSFYTMVA
 TELLQSQAVAVTFGDRVLYPASWIVPLFVAFSTIGAANGTCFTAGRLIYVAGREGHMLKVLISYISVRLT
 PAPAIIFYGIATIIYIIPGDINSLVNYFSFAAWLFYGLTILGLIVMRFTRKELERPIKVPVPIVLMTLI
 SVFLVLAPIISKPTWEYLYCVLFILSGLLFYFLFVHYKFGWAQKISKPTITMHLQMLMEVVPPEEDPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001126335

ORF Size: 1461 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:	NM_001126335.1
RefSeq Size:	1703 bp
RefSeq ORF:	1464 bp
Locus ID:	11136
UniProt ID:	P82251
Cytogenetics:	19q13.11
MW:	53.5 kDa