

Product datasheet for **RC205055A1V**

Human SLC7A9 (NM_014270) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC7A9 (NM_014270) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC7A9
Synonyms:	BAT1; CSNU3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205055 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGATACTGGCCTGAGAAAGCGGAGAGAGGATGAGAAGTCGATCCAGAGCCAAGAGCCTAAGACCA
 CCAGTCTCCAAAAGGAGCTGGGCCTCATCAGTGGCATCTCCATCATCGTGGGCACCATCATTGGCTCTGG
 GATCTTCGTTTCCCCAAGTCTGTGCTCAGCAACACGGAAGCTGTGGGGCCCTGCCTCATCATATGGGCG
 GCTTGCGGGTCTCGCGACGCTGGGTGCCCTGTGCTTTCGGAGCTTGGCACAATGATACCAAGTCAG
 GGGGAGAGTATCCCTACCTGATGGAGGCCTACGGGCCCATCCCCGCTACCTCTTCTCTGGGCCAGCCT
 GATCGTCATTAAGCCACGTCCTTCGCCATCATCTGCCTCAGCTTCTCCGAGTATGTGTGTGCGCCCTTC
 TATGTGGGCTGCAAGCCTCTCAAAATCGTTGTGAAATGCCTGGCCGCCGCCCATCTTGTTTCATCTCGA
 CAGTGAACACTACTGAGCGTGGGCTGGGAAGCTACGTCCAGAACATCTTACCGCGGCCAAGCTGGTGAT
 CGTGGCCATCATCATCAGCGGGCTGGTCTCCTGGCCCAAGGAAACACAAAGAATTTTGATAATTCT
 TTCGAGGGCGCCAGCTGTCTGTGGGAGCCATAGCCTGGCGTTTACAATGGACTCTGGGCCTATGATG
 GATGGAATCAACTCAATTACATCACAGAAGAACTAGAAACCCCTACAGAAACCTGCCTTGGCCATTAT
 CATCGGATCCCCCTGGTGACGGCGTGCTACATCCTCATGAACGTGTCTACTTCACCGTGATGACTGCC
 ACCGAACCTCTGCAGTCCCAGGCGGTGGCTGTGACATTTGGTGACCGTGTCTCTATCCTGCTTCTTGGA
 TCGTTCACCTTTTTGTGGCATTTCACCATCGGTGCTGCTAACGGGACCTGCTTACAGCGGGCAGACT
 CATTACGTGGCGGGCGGGAGGGTCACATGCTCAAAGTGCTTCTTACATCAGCGTCAGGCGCCTCACT
 CCAGCCCCCGCCATCATCTTTATGGTATCATAGCAACGATTTATATCATCCCTGGTGACATAAACTCGT
 TAGTCAATTATTCAGCTTTGCCGATGGCTGTTTTATGGCCTGACGATTCTAGGACTCATCGTGATGAG
 ATTTACAAGGAAAGAGCTGGAAAGCCATCAAGGTGCCCGTAGTCATTCCCGTCTTGATGACACTCATC
 TCTGTGTTTTTGGTCTGGCTCCAATCATCAGCAAGCCACCTGGGAGTACCTCTACTGTGTGCTGTTTA
 TATTAAGCGGCTTTTATTTTACTTCTGTTTGTCCACTACAAGTTTGATGGGCTCAGAAAATCTCAA
 GCCGATTACCATGCACCTTCAGATGCTAATGGAAGTGGTCCCACCGGAGGAAGACCCCTGAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205055 protein sequence
 Red=Cloning site Green=Tags(s)

MGDTGLRKRREDEKSIQSQEPKTTSLQKELGLISGISIIIVGTIIIGSGIFVSPKSVLSNTEAVGPCLIIWA
 ACGVLATLALCFELGTMITKSGGEYPYLMEAYGPIPAYLFSWASLIVIKPFSFAIICLSFSEYVCAFP
 YVGCKPPQIVVKCLAAAAILFISTVNSLSVRLGSYVQNIFTAAKLIVIVAIISGLVLLAQGNKTNFDS
 FEGAQLSVGAISLAFYNGLWAYDGNQNLNYITEELRNPYRNPLAIIIGIPLVTACYILMNVSFTVMTA
 TELLQSQAVAVTFGDRVLPASWIVPLFVAFSTIGAANGTCFTAGRLIYVAGREGHMLKVL SYISVRRLT
 PAPIIFYGIIATIIYIIPGDINSLVNYFSFAAWLFYGLTILGLIVMRFRKELERPIKVPVPIVPLMTLI
 SVFLVLAPIISKPTWEYLYCVLFILSGLLFYFLFVHYKFGWAQKISKIPITMHLQMLMEVVPPEEDPE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014270

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:	<u>NM_014270.3</u>
RefSeq Size:	1789 bp
RefSeq ORF:	1464 bp
Locus ID:	11136
UniProt ID:	<u>P82251</u>
Cytogenetics:	19q13.11
MW:	53.5 kDa