

Product datasheet for **RC204487A1V**

Human SLC1A4 (NM_003038) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC1A4 (NM_003038) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC1A4
Synonyms:	ASCT1; SATT; SPATCCM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204487 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGAAGAGCAACGAGACCAACGGCTACCTTGACAGCGCTCAGGCGGGCCTCGCGCCGGGCCGAG
 CTCGGGGACCGCGCGGGACGCGCACGGCGTTGCGCGGGCTTCTGCGCGCCAAGCGCTGGTGTGCT
 CACCGTGTCCGGGGTGTGGCGGGCGCGGCTGGGCGCGCGTTGCGCGGGCTCAGCCTGAGCCGACG
 CAGGTACCTACCTGGCCTTCCCGGCGAGATGCTGCTCCGATGCTGCGCATGATCATCTGCCGTGG
 TGGTCTGCAGCCTGGTGTGGGCGCGGCTCCCTCGATGCCAGCTGCCTCGGCGCTGGGCGGCATCGC
 TGTGCGCTACTTTGGCCTACCACACTGAGTGCCTCGGCGCTCGCCGTGGCCTTGGCGTTCATCAAG
 CCAGGATCCGGTGCAGACCCCTTCAGTCCAGCGACCTGGGCTGGAGGACTCGGGCGCTCCTCTGTCC
 CCAAAGAGACGGTGGACTCTTCTCGACCTGGCCAGAACTGTTTCCCTCAATCTTGTGGTTCAGC
 TTTCCGTACGTATGCAACCGATTATAAAGTCGTGACCCAGAACAGCAGCTCTGGAATGTAAACCATGAA
 AAGATCCCATAGGCACTGAGATAGAAGGGATGAACATTTAGGATTGGTCTGTTTGTCTGGTGTAG
 GAGTGGCCTTAAAGAACTAGGCTCCGAAGGAGAAGACCTCATCCGTTTCTTCAATTCCTCAACGAGGC
 GACGATGGTGTGGTGTCTGGATTATGTGGTACGTACCTGTGGGCATCATGTTCTTGTGGAAGCAAG
 ATCGTGGAATGAAAGACATCATCGTGTGGTACCAGCTGGGAAATACATCTTCGCATCTATATTGG
 GCCATGTTATTCATGGAGGAATTGTTCTGCCACTTATTTATTTGTTTTACACGAAAAAACCATTCAG
 ATTCTCTGGGCTCCTCGCCCATTTGCGACAGCATTTGCTACCTGCTCCAGCTCAGCGACCCCTTCCC
 TCTATGATGAAGTGCATTGAAGAGAACAATGGTGTGGACAAGAGGATCAGCAGGTTTATTCTCCCATCG
 GGGCCACCGTGAACATGGACGGAGCAGCCATCTCCAGTGTGTGGCCGCGGTGTTCAATTCGCAACTCAA
 CAACGTAGAGCTCAACGCAGGACAGATTTTACCATTCTAGTGACTGCCACAGCGTCCAGTGTGGAGCA
 GCAGGCGTGCCAGCTGGAGGGGCTCACCATTGCCATTATCCTGGAGGCCATTGGGCTGCCTACTCATG
 ACCTGCCTCTGATCCTGGCTGTGGACTGGATTGTGGACCGGACCACCGGTGGTGAATGTGAAGGGGA
 TGCCCTGGGTGCAGGCATTCTCCACCACCTGAATCAGAAGGCAACAAAGAAAGGCGAGCAGGAATTGCT
 GAGGTGAAAGTGAAGCCATCCCAACTGCAAGCTGAGGAGGAGACATCGCCCTGGTGACACACCAGA
 ACCCGCTGGCCCGTGCCAGTGCCCGAAGTGAATCCAAGGAGTCGGTTCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204487 protein sequence
 Red=Cloning site Green=Tags(s)

MEKSNETNGYLDSAQAGPAAGPGAPGTAAGRARRCAGFLRRQALVLLTVSGVLAGAGLGAALRGLSLSRT
 QVTYLAFPGEMLLRMLRMILPLVVCSLVSGAASLDASCLGRLGGIAYAYFGLTTLASALAVAFI IK
 PGSGAQLQSSDLGLEDSGPPVPKETVDSFLDLARNLFPSNLVAAAFRTYATDYKVVTQNSSSGNVTHE
 KIPIGTEIEGMNIGLVLFALVLGVALKKLGSEGEDLIRFFNSLNEATMVLVSWIMWYVPVGIMFLVGSK
 IVEKMDIIVLVTSLGKYIFASILGHVHGGIVLPLIYFVFRKNPFRLLGLLAPFATAFATCSSSATLP
 SMMKCIENNGVDKRISRIFILPIGATVNM DGAAIFQCVAAVFI AQLNNVELNAGQIFTILVTATASSVGA
 AGVPAGGVL TIAIILEAIGLPHDLPL ILAVDWIVDRTTTVVNVEGDALGAGILHHLNQKATKKGEQELA
 EVKVEAIPNCKSEEETSPLVTHQNPAGPVASAPELESKESVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003038

ORF Size:

1596 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_003038.2 , NP_003029.2
RefSeq Size:	4611 bp
RefSeq ORF:	1599 bp
Locus ID:	6509
UniProt ID:	P43007
Cytogenetics:	2p14
MW:	55.7 kDa