

Product datasheet for **RC200305A1V**

Human SLC1A5 (NM_005628) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC1A5
Synonyms:	AAAT; ASCT2; ATBO; M7V1; M7VS1; R16; RDRC
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200305 representing NM_005628
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTGGCCGATCCTCCTCGAGACTCCAAGGGGCTCGCAGCGGCGGAGCCACCGCCAACGGGGGCTGG
 CGCTGGCCTCCATCGAGGACCAAGGCGCGGCAGCAGGCGGCTACTGCGGTTCCCGGGACAGGTGCGCCG
 CTGCGCTTCGAGCCAACCTGCTTGTGCTGCTGACAGTGGTGGCCGTGGTGGCCGCGTGGCGCTGGGACTG
 GGGGTGTGCGGGGCGGGGGTGCCTGGCGTTGGGCCCGGAGCGCTTGAGCGCCTTCGTCTTCCCGGGCG
 AGCTGCTGCTGCGTCTGCTGCGGATGATCATCTTGGCGCTGGTGGTGTGCAGCTTGATCGGCGGCGCCG
 CAGCCTGGACCCCGCGCGCTCGGCCGTCTGGCGCCTGGCGCTGCTCTTTTCTGGTCAACACGCTG
 CTGGCGCTCGCGCTCGGAGTGGGCTTGGCGCTGCTCTGCAGCCGGGCGCGCCTCCGCGCCATCAACG
 CCTCCGTGGGAGCCGCGGCGAGTGCCGAAATGCCCCAGCAAGGAGGTGCTCGATTGCTTCTGGATCT
 TGCAGAAAATATCTTCCCTTCCAACCTGGTGTGACGAGCCTTTCGCTCATACTCTACCACCTATGAAGAG
 AGGAATATACCGGAACAGGGTGAAGGTGCCCGTGGGCGAGGAGTGGAGGGGATGAACATCCTGGGCT
 TGGTAGTGTGGCCATCGTCTTGGTGTGGCGCTGCGAAGCTGGGGCTGAAGGGGAGTGCTTATCCG
 CTTCTTCAACTCCTTCAATGAGGCCACCATGGTCTGGTCTCCTGGATCATGTGTTACGCCCTGTGGGC
 ATCATGTTCTGGTGGCTGGCAAGATCGTGAGATGGAGGTGGGTTTACTCTTTGCCCGCTTGGCA
 AGTACATTCTGTGCTGCCTGCTGGGTACGCCATCCATGGGCTCCTGGTACTGCCCTCATCTACTTCT
 CTTACCCGCAAAACCCCTACCGCTTCTGTGGGCGATCGTGACCGCTGGCCACTGCCTTTGGGACC
 TCTTCCAGTTCGCGCACGCTGCCGTGATGATGAAGTGCCTGGAGGAGAATAATGGCGTGGCAAGCACA
 TCAGCCGTTTCATCCTGCCATCGGCGCCACCGTCAACATGGACGTTGCCGCGCTTCCAGTGGTGGC
 CGCAGTGTTTATTGCACAGCTCAGCCAGCAGTCTTGGACTTCGTAAGATCATCACCATCCTGGTCACG
 GCCACAGCTCCAGCGTGGGGGCGCGGCGATCCTGCTGGAGGTGCTCCTCACTCTGGCCATCATCTCG
 AAGCAGTCAACCTCCCGGTGACCATATCTCCTTGATCCTGGCTGTGGACTGGCTAGTCGACCGGTCTG
 TACCGTCTCAATGTAGAAGGTGACGCTCTGGGGGAGGACTCCTCCAAATTACGTGGACCGTACGGAG
 TCGAGAAGCACAGAGCCTGAGTTGATACAAGTGAAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 CTGAGGAAGGAAACCCCTCCTCAAACTATCGGGGGCCCGAGGGGATGCCACGGTGCCTCTGAGAA
 GGAATCAGTCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200305 representing NM_005628
 Red=Cloning site Green=Tags(s)

MVADPPRDSKGLAAAEPTANGGLALASIEDQGAAGGYCGSRDQVRRCLRANLLVLLTVVAVVAGVALGL
 GVSGAGGALALGPERLSAFVFPGEILLRLLRMILPLVVCSLIGGAASLDPGALGRLGAWALLFFLVTTL
 LASALGVGLALALQPGAASAAINASVGAAGSAENAPSKEVLDSFLDLARNIFPSNLVSAAFRSYSTTYEE
 RNITGTRVKVPVGQEVGMNIGLVVFAIVFGVALRKLGPGEILLIRFFNSFNEATMVLVSWIMWYAPVG
 IMFLVAGKIVEMEDVGLLFARLGKYILCCLLGHAHGLLVPLIYFLFTRKNPYRFLWGIVTPLATAFGT
 SSSSATLPLMMKVEENNGVAKHISRFLPIGATVNMDGAALFQCVAAVFAQLSQQLDFVKIITILVT
 ATASSVGAAGIPAGGVLTLAILEAVNLPVDHISLILAVDWLVDRSCTVLNVEGDALGAGLLQNYVDRT
 SRSTEPELIQVKSPLDPLPLPTEEGNPLLKHYRGPAGDATVASEKESVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_005628
ORF Size: 1623 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_005628.1
RefSeq Size:	2856 bp
RefSeq ORF:	1626 bp
Locus ID:	6510
UniProt ID:	Q15758
Cytogenetics:	19q13.32
MW:	56.4 kDa