

Product datasheet for **RC200795A1V**

Human **SLC38A5 (NM_033518)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC38A5
Synonyms:	JM24; pp7194; SN2; SNAT5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200795 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGTGCAGGATCCAAAGATGAATGGAGCCCTCCCTTCGGATGCTGTGGGCTACAGGCAAGAACGTG
 AGGGCTTCCTGCCAGTCGTGGTCCTGCTCCTGGGAGCAAGCCGGTCCAGTTTCATGGATTTTCGAGGGGAA
 GACATCGTTTGAATGTCAAGTTCACCTCAGCAACGCCATCATGGGACGCGCATCTCGGGCTGGCC
 TATGCCATGGCCACACGGGGGTATCTTCTTCTGGCCCTGCTGCTGTGCATTGCGCTTCTGTGCTCT
 ACTCCATCCACCTCCTGCTGACCTGTGCTGGTATTGCAGGCATCCGAGCCTATGAGCAGCTGGGACAGAG
 GGCATTTCGGGCTCGGGGAAGGTAGTGGTGGCCACAGTCATCTGTCTGCACAAATGTTGGGGCCATGTCC
 AGTTACCTGTTTCATCATCAATCTGAGCTCCCTGTTATCGGCACCTTCTGTACATGGACCCGAGG
 GGGACTGGTCTTGAAGGGAACCTCCTCATCATCGTCAGTGTGTTAATCATCTGCCCTCGCCCT
 CATGAAACACTTGGGTACCTGGGTACACAGTGGTCTCTCTGACCTGCATGCTTTTTCTTGT
 TCGGTATCTACAAGAAGTCCAACCTGGCTGTGCTATAGGCCACAATGAAACAGCAATGGAGAGTGAAG
 CTCTCGTGGGACTCCCAAGCAAGGACTCAACAGCAGCTGTGAGGCCAGATGTTACAGTTGACTCACA
 GATGTCCTACACAGTGCCCATATGGCTTTTGTCTTGTCTGCCACCTGAGGTGTGCCCATCTATACG
 GAGCTCTGCCGGCCCTCAAGCGCAGGATGCAGGCCGTGGCCAAGTGTCCATTGGGGCCATGTTCTGCA
 TGTATGGGCTCACAGCAACCTTTGGATACCTCACCTTCTACAGCAGTGTGAAGGCGGAGATGCTGCACAT
 GTACAGCCAGAAGGACCGCTCATCTCTGTGTGCGCCTGGCCGTGCTGCTCGCGGTGACCTCACTGTG
 CCAGTCGTGCTGTCCCTATCCGCCGGCCCTGCAGCAGCTGCTTTTCCAGGCAAGGCCTTCAGCTGGC
 CACGACATGTGGCCATAGCTCTGATCTGCTTGTGTTTGGTCAATGCTCTGTGATCTGTGTGCCAACCAT
 CCGGGATATCTTTGGAGTTATCGGGTCCACCTCAGCCCCAGCCTCATCTTCATCTCCCAAGCATCTTC
 TACCTCCGATTGTACCCTCTGAGGTGGAGCCTTTCTATCTGGCCCAAGATCCAGGCCCTGTGCTTTG
 GAGTCTGGGAGTCTCTCATGGCCGTGAGTCTAGGCTTTATGTTGCCAACTGGGCCACAGGCCAGAG
 CCGCATGCTGGACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC200795 protein sequence
 Red=Cloning site Green=Tags(s)

MELQDPKMNGALPSDAVGYRQEREGFLPSRGPAPGSKPVQFMDFEGKTSFGMSVFNLNAIMGSGILGLA
 YMAHTGVIFFLALLLCIALSSYSIHLLTLCAGIAGIRAYEQLGQRAFGPAGKVVVATVLCIHNVGAMS
 SYLFIKSELPLVIGTFLYMDPEGDWFLKGNLLIIIVSVLIILPLALMKHLGYLGYTSGLSLTCMLFFLV
 SVIYKFKQLGCAIGHNETAMESEALVGLPSQGLNSSCEAQMFVDSQMSYTPVIMAFVCHPEVLPIYT
 ELCRPSKRRMQAVANVSIGAMFCMYGLTATFGYLTFFYSVKAEMLMYSQKDPLILCVRLAVLLAVTLTV
 PVVLFPIRRALQQLLFPKAFSWPRHVAIALILLVLNVLVICVPTIRDFGVIGSTSAPSLIFILPSIF
 YLRIVPSEVEPFLSWPKIQALCFGLGVLFMAVSLGFMFANWATGQSRMSGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_033518

ORF Size: 1416 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_033518.1
RefSeq Size:	1993 bp
RefSeq ORF:	1419 bp
Locus ID:	92745
UniProt ID:	Q8WUX1
Cytogenetics:	Xp11.23
MW:	51.5 kDa