

Product datasheet for **RC227298A1V**

Human SLC38A4 (NM_001143824) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC38A4
Synonyms:	ATA3; NAT3; PAAT; SNAT4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence: >RC227298 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATCCCATGGAAGTGAAGTGTCAACATCGAACAGATGATGAGAGCAGCAGTGGAGAAAGTGCTC
 CAGATAGCTACATCGGGATAGGAAATTCAGAAAAGGCAGCAATGAGCAGTCAATTTGCTAATGAAGACAC
 TGAAAGTCAGAAATTCCTGACAAATGGATTTTGGGAAAAAGAGCTGGCAGATTATGCCGATGAACAC
 CATCCCGGAACCACTTCCTTTGGAATGTCTTCATTTAACCTGAGTAATGCCATCATGGGCAGTGGGATCC
 TGGGCTTGTCTATGCCATGGCCAACACAGGGATCATACTTTTATAATCATGCTGCTTGTGTGGCAAT
 ATTATCACTGTATTCAAGTTCACCTTTTATTAAAAACAGCCAAGGAAGGAGGGTCTTTGATTTATGAAAA
 TTAGGAGAAAAGGCATTGGATGGCCGGGAAAAATGGAGCTTTTGTTCATTACAATGCAGAACATTG
 GAGCAATGTCAAGTACCTCTTATCATTAAATATGAACACCTGAAGTAATCAGAGCATTATGGGACT
 TGAAGAAAATACTGGAGAATGGTACCTCAATGGCAACTACCTCATCATTTTGTCTGTTGGAATTATT
 CTTCCACTTTTCGCTCCTTAAAAATTTAGGTTATCTTGGCTATACCAAGTGGATTTCTCTTACCTGCATGG
 TGTTTTTTGTAGTGTGGTGATTTACAAGAAATCCAAATACCCCTGCCCTCTACCTGTTTTGGATCACAG
 TGTTGGAAATCTGTCAATCAACAACACGCTTCCAATGCATGTGGTAATGTTACCCAACAACCTCTGAGAGT
 TCTGATGTGAATTCATGATGGATTACACCCACCGCAATCTGCAGGGCTGGATGAGAACCAGGCCAAGG
 GCTCTCTTCATGACAGTGGAGTAGAATATGAAGCTCATAGTGATGACAAGTGTGAACCCAAATACCTTGT
 ATTCAACTCCCGGACGGCTATGCAATTCATCTAGTATTTGCTTTTGTATGCCACCCTGAGGTCTTT
 CCCATCTACAGTGAACCTAAAGATCGGTCCCGGAGAAAAATGCAACGGTGTCAAATATTTCCATCACGG
 GGATGCTTGTCTATGACCTGCTTCCCGCCTCTTTGGTTACCTAACCTTCTATGGAGAAGTTGAAGATGA
 ATTACTTCATGCCTACAGCAAAGTGTATACATTAGACATCCCTCTTCTCATGGTTTCGCTGGCAGTCCTT
 GTGGCAGTAACACTAACTGTGCCCATTTGTCTCTTCCCAATTCGTACATCAGTGATCACACTGTTATTTT
 CCAAACGACCCCTCAGCTGGATACGACATTTCTGATTGCAGCTGTGCTATTGCACCTAATAATGTTCT
 GGTCACTCTTGTGCCAACTATAAAATACATCTTCGATTCTAGGGGCTTCTTCTGCCACTATGCTGATT
 TTTATTCTCCAGCAGTTTTTTATCTTAACTTGTCAAGAAAGAACTTTTAGGTACCCCCAAAAGGTCTG
 GGGCTTTAATTTTCTTGTGGTTGGAATATTCTTCATGATTGGAAGCATGGCACTATTATAATTGACTG
 GATTTATGATCCTCAAAATCCAAGCATCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227298 protein sequence
 Red=Cloning site Green=Tags(s)

MDPMELRNVNIEPDDESSGESAPDSYIGIGNSEKAAMSSQFANEDTESQKFLTNGFLGKKKLADYADEH
 HPGTTSTFGMSSFNLSNAIMSGILGLSYAMANTGIILFIIMLLAVAILSLYSVHLLKTAKEGSLIYEK
 LGEKAFGWPGKIGAFVSITMQNIGAMSSYLFIKYELPEVIRAFMGLEENTGEWYLNGLNLIIFVSVGII
 LPLSLLKNLGYLGYTSGFSLTCMVFFVSIVYKKFQIPCLPVLDSVGNLSFNNTLPMHVMLPNNSES
 SDVNFMDYTHRNPAGLDENQAKGSLHDSGVEYEAHSDDKCEPKYFVFNSTAYAIPILVFAFVCHPEVL
 PIYSELKDRSRRKMOTVSNISITGMLVMYLLAALFGYLTGYGEVEDELLHAYSKVYTLDIPLLMVRLAVL
 VAVTLTVPIVLPFIRTSVITLLFPKRPFWSIRHFLIAAVLIAALNNVLVILVPTIKYIFGFIGASSATMLI
 FILPAVFYLLKLVKKETFRSPQKVGALIFLVVGIFFMIGSMALIIDWIYDPPNSKHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001143824
ORF Size: 1641 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_001143824.1 , NP_001137296.1
RefSeq Size:	3807 bp
RefSeq ORF:	1644 bp
Locus ID:	55089
UniProt ID:	Q969I6
Cytogenetics:	12q13.11
MW:	60.8 kDa