

Product datasheet for **RC210972A1V**

Human SLC2A10 (NM_030777) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC2A10 (NM_030777) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC2A10
Synonyms:	ATORS; ATS; GLUT10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210972 representing NM_030777
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCACTCCCCACCTGTCTGCCTTGTGTGCTCTGTGCTTTGCTGGGTGGCCTGACCTTTGGTT
 ATGAACTGGCAGTCATATCAGGTGCCCTGCTGCCACTGCAGCTTGACTTTGGGCTAAGCTGCTTGAGCA
 GGAGTTCTGGTGGGCAGCCTGCTCCTGGGGGCTCTCCTCGCCTCCCTGGTTGGTGGCTTCTCATTGAC
 TGCTATGGCAGGAAGCAAGCCATCCTCGGGAGCAACTTGGTGTGCTGGCAGGCAGCCTGACCTGGGCC
 TGGCTGGTTCCCTGGCTGGCTGGTCTGGGCCGCGCTGTGGTTGGCTTCGCCATTTCCCTCTCTCCAT
 GGCTTGTGTATCTACGTGTGAGAGCTGGTGGGCCACGGCAGCGGGAGTGCTGGTGTCCCTCTATGAG
 GCAGGCATCACCGTGGGCATCCTGCTCTCCTATGCCCTCAACTATGCACTGGCTGGTACCCCTGGGGAT
 GGAGGCACATGTTGGCTGGGCCACTGCACCTGCTGCTGCAATCCCTCAGCCTCTCTTCTCCCTGCTG
 TGGTACAGATGAGACTGCAACACACAAGGACCTCATCCACTCCAGGGAGGTGAGCCCCCAAGCTGGGC
 CCGGGGAGGCCACGGTACTCCTTTCTGGACCTCTTCAAGGCACGCGATAACATGCGAGGCCGGACACAG
 TGGGCCTGGGGTGGTGTCTTCCAGCAACTAACAGGGCAGCCCAACGTGCTGTGCTATGCCCTCCACCAT
 CTTAGCTCCGTTGGTTCCATGGGGGATCCTCAGCCGTGCTGGCCTCTGTGGGGCTTGGCGCAGTGAAG
 GTGGCAGCTACCTGACCGCCATGGGGCTGGTGGACCGTGCAGGCCGAGGGCTCTGTTGCTAGCTGGCT
 GTGCCCTCATGGCCCTGTCCGTGAGTGGCATAGGCCTCGTCAGCTTTGCCGTGCCATGGACTCAGGGCC
 AAGCTGTCTGGCTGTGCCAATGCCACGGGCAGACAGGCCTCCCTGGAGACTCTGGCCTGCTGCAGGAC
 TCCTCTCTACCTCCCATTCCAAGGACCAATGAGGACCAAGGGAGCCAACTTGTCCACTGCTAAGAAAA
 CCAAGCCCCATCCAGATCTGGAGACCCCTCAGCCCTCTCGGCTGGCCCTGAGCTCTGCCCTCCCTGG
 GCCCCTCTGCCGCTCGGGGGCATGCACTGCTGCGCTGGACCGCACTGCTGTGCTGATGGTCTTTGTC
 AGTGCCTTCTCCTTTGGTTTGGGCCAGTGACCTGGCTTGTCTCAGCGAGATCTACCCTGTGGAGATAC
 GAGGAAGAGCCTTCGCTTCTGCAACAGCTTCAACTGGGCGGCCAACCTTTCATCAGCCTCTCTTCTCT
 CGATCTCATTGGCACCATCGGCTTGTCTGGACCTTCTGCTCTACGACTGACCGCTGTCTCGGCCTG
 GGCTTCATCTATTTATTTGTTCTGAAACAAAAGGCCAGTCGTTGGCAGAGATAGACCAGCAGTTCAGA
 AGAGACGGTTACCCCTGAGCTTTGGCCACAGGCAGAACTCCACTGGCATCCCGTACAGCCGCATCGAGAT
 CTCTGCGGCTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MGHSPVPLPCASVSLGGLTFGYELAVISGALLPLQLDFGLSCLEQEFVLSLLLGALLASLVGGFLID
 CYGRKQAILGSNLVLLAGSLTLGLAGSLAWLVGRAVVGFAISLSSMACCIYVSELVGPQRQGVLSLYE
 AGITVIGILLSYALNYALAGTPWGWHRMFGWATAPAVLQSLSLFLPAGTDEATHKDLIPLQGGEAPKLG
 PGRPRYSFLDLFRARDNMRGRTTVGLGLVLFQQLTGQPNVLCYASTIFSSVGFHGGSSAVLASVGLGAVK
 VAATLTAMGLVDRAGRRALLLAGCALMALSVSGIGLVSFAVPMDSGPSCLAVPNATGQTGLPGDSGLLQD
 SSLPPIPTNEDQREPIILSTAKKTKPHPRSGDPSAPPRALSSALPGPPLPARGHALLRWTALLCLMVFV
 SAFSFGFPGVTVLVLSEIYPVEIRGRAFAFCNSFNWAANLFISSLFDLIGTIGLSWTFLLYGLTAVLGL
 GFYLVFPETKGQSLAEIDQQFQKRRFTLSFGRQNSTGIPYSRIEISAAS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030777

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:	<u>NM_030777.3</u>
RefSeq Size:	4241 bp
RefSeq ORF:	1626 bp
Locus ID:	81031
UniProt ID:	<u>O95528</u>
Cytogenetics:	20q13.12
MW:	56.7 kDa