

Product datasheet for **RC219698A1V**

Human SLC6A6 (NM_003043) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A6 (NM_003043) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A6
Synonyms:	TAUT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219698 representing NM_003043
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCACCAAGGAGAAGCTGCAGTGTCTGAAAGATTTCCACAAGGACATCCTGAAGCCCTCACCAGGGA
 AGAGCCCAGGCACGCGCCTGAGGACGAGGCTGAGGGAAAACCTCCGCAGAGGGAGAAGTGGTCTAGCAA
 GATCGACTTTGTGCTCTCTGTGGCTGGCGGCTTCGTGGGCTTGGGCAACGTCTGGCGCTTCCCGTACCTC
 TGCTACAAGAATGGTGGAGGTGCGTTTCTCATACCGTATTTTATTTCTGTTTGGGAGCGGCTGCCTG
 TGTTTTCTTGGAGATCATCATAGGCCAGTACACCTCTGAAGGGGCGATCACCTGCTGGGAAAAGATCTG
 CCCCTTGTCTCTGGTATCGGCTATGCCTCCGTGTAATTGTGTCCTCTGAATGTCTACTACATCGTC
 ATCCTGGCCTGGGCCACATACTACCTGTTCCAGTCTTCCAGAAGGAGCTGCCCTGGGCACACTGCAACC
 ACAGCTGGAACACACCTCACTGCATGGAGGACACCATGCGCAAGAACAAGAGTGTCTGGATCACCATCAG
 CTCCACCAACTTCACTCCCCTGTCTCGAGTTCTGGGAGCGCAACGTGCTGAGCTTGTCCCCTGGAATC
 GACCACCCAGGCTCTCTGAAATGGGACCTCGCTCTCTGCCTTCTTTAGTCTGGCTAGTGTGTTCTTCT
 GCATCTGGAAGGGCGTCAAGTCCACTGGGAAGGTGCTCTACTTCACAGCCACTTTTCCATTGCGCATGCT
 CCTGGTGTCTGGTCCGAGGGCTGACGCTGCCGGGCGCGGGCGCAGGCATCAAGTTCTATCTGTATCCT
 GACATCACCCGCTTGAAGACCCACAGGTGTGGATTGACGCTGGGACTCAGATATTCTTCTCTTATGCCA
 TCTGCCTGGGGCTATGACCTCGCTGGGGAGCTACAACAAGTACAAGTATAACTCGTACAGGGACTGTAT
 GCTGCTGGGATGCCTGAACAGTGGTACCAGTTTGTGTCTGGCTTCGCAATTTTTCCATCCTGGGCTTC
 ATGGCACAAGAGCAAGGGGTGGACATTGCTGATGTGGCTGAGTCAGGTCCTGGCCTGGCCTTATTGCCT
 ACCCAAAAGCTGTGACAATGATGCCGCTGCCACATTTTGGTCCATTCTTTTTTTTATTATGCTTCTCTT
 GCTTGGACTGGATAGCCAGTTTGTGAAGTTGAAGGACAGATCACATCCTTGGTTGATCTTTACCCATCC
 TTCCTAAGGAAGGTTATCGTCGGGAAATCTTCATCGCCTTCGTGTGTAGCATCAGCTACCTGCTGGGGC
 TGACGATGGTGACGGAGGGTGGCATGTATGTGTTTCAAGTCTTTGACTACTATGCAGCTAGCGGTGTATG
 CCTTTTGTGGGTGCACTCTTTGAATGTTTGTATTGCTGGATATATGGAGGTGATAACCTTTATGAT
 GGTATTGAGGACATGATTGGCTATCGGCCCGGGCCCTGGATGAAGTACAGCTGGGCTGTGATCACTCCAG
 TTCTCTGTGTTGGATGTTTCATCTTCTCGCTCGTCAAGTACGTACCCCTGACCTACAACAAAACATACGT
 GTACCCCAACTGGCCATTGGGCTGGGCTGGAGCCTGGCCCTTCTCCATGCTCTCGCTTCCCTTGGTC
 ATCGTCATCCGCTCTGCCAGACTGAGGGGCCGTTCTTGTGAGAGTCAAGTACCTGCTGACCCCAAGGG
 AACCCAACCGCTGGGCTGTGGAGCGCGAGGGAGCCACACCTTACAACCTCTCGACCGTCATGAACGGCGC
 TCTCGTGAACCGACCCACATCATTGTGGAGACCATGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MATKEKLQCLKDFHKDILKPSGKSPGTRPEDEAEGKPPQREKWSSKIDFVLSVAGGFVGLGNVWRFPYL
 CYKNGGGAFLIPYFIFLFGSGLPVFFLEIIIGQYTSEGGITCWEKICPLFSGIGYASVIVSLLNVYYIV
 ILAWATYYLFQSFQKELPWAHCNHSWNTPHCMEDTMRKNKSVWITISSTNFTSPVIEFWERNVLSLSPGI
 DHPGSLKWDALCLLLVWLVCFFCIWKGVSTGKVYFTATFPFAMLLVLLVRGLTLPAGAGAIKFYLYP
 DITRLEDPOQWIDAGTQIFFSYAICLGAMTSLGSYNKYKNSYRDCMLLGCLNSGTSFVSGFAIFSILGF
 MAQEQQVDIADVAESGGLAFIAYPKAVTMMPLPTFWISILFFIMLLLLGLDSQFVEVEGQITSLVDLYPS
 FLRKGYRREIFIAFVCSISYLLGLTMVTEGGMVYFQLFDYYAASGVCLLWVAFFECFVIAWIYGGDNLYD
 GIEDMIGYRPGPVMKYSAWVITPVLCVGCIFSLVKYVPLTYNKTYVYPNWAIGLWGLALSSMLCYPLV
 IVIRLCQTEGPFLLVRVKYLLTPREPNRWAVEREGATPYNSTRVMNGALVKPTHIIVETMM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003043
ORF Size:	1860 bp
Buffer:	PBS with 0.001% Pluronic F8040
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_003043.2, NP_003034.2</u>
RefSeq Size:	6547 bp
RefSeq ORF:	1863 bp
Locus ID:	6533
UniProt ID:	<u>P31641</u>
Cytogenetics:	3p25.1
MW:	70.3 kDa