

Product datasheet for **RC204391A1V**

Human SLC2A6 (NM_017585) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC2A6 (NM_017585) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC2A6
Synonyms:	GLUT6; GLUT9; HSA011372
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204391 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGGAGCCGCTGCTGGGAGCCGAGGCCCCGACTACGACACCTTCCCGAGAAGCCGCCCCCTGCG
 CAGGGGACAGGGCGCGGTTCGGGACCCTGCAGAACAAAAGGGTGTTCCTGGCCACCTTCGCCGAGTGCT
 CGGCAATTTAGCTTTGGGTATGCCCTGGTCTACACATCCCCTGTCATCCCAGCCCTGGAGCGCTCCTTG
 GATCCTGACCTGCATCTGACCAAATCCCAGGCATCCTGGTTTGGGTCCGTGTTACCCTGGGAGCAGCGG
 CCGGAGGCCTGAGTGCCATGATCCTCAACGACCTCCTGGGCCGGAAGCTGAGCATCATGTTCTCAGCTGT
 GCCGTCCGGCGCCGGCTATGCGCTCATGGCGGTGCGCACGGCCTCTGGATGCTGCTGCTCGGAAGGACG
 CTGACGGGCTTCGCCGGGGGCTCACAGCTGCCTGCATCCCGGTGTACGTGTCTGAGATTGCTCCCCAG
 GCGTTCGTGGGGCTCTGGGGGCCACACCCAGCTCATGGCAGTGTTCGGATCCCTGTCCCTCTACGCCCT
 TGGCCTCTGCTGCCGTGGCGTGGCTGGCTGTGGCCGGGAGGCGCCTGTGCTCATCATGATCCTGCTG
 CTCAGCTTCATGCCAACTCGCCGCGCTTCCTGCTCTCTCGGGGACGGGACGAAGAGGCCCTGCGGGCGC
 TGGCCTGGCTGCGTGGGACGGACGTCGATGTCCACTGGGAGTTCGAGCAGATCCAGGACAACTCCGGAG
 ACAGAGCAGCCGAGTATCGTGGGCTGAGGCACGGGCCCCACCTGTGCCGGCCATCACCGTGGCCTTG
 CTGATGCGCCTCCTGCAGCAGCTGACGGGCATCACGCCATCCTGGTCTACCTGCAGTCCATCTTCGACA
 GCACCGCTGTCTGCTGCCCCCAAGGACGACGACGCCATCGTTGGGGCCGTGCGGCTCCTGTCCGTGCT
 GATCGCCGCCCTCACCATGGACCTCGCAGGCCGCAAGGTGCTGCTCTTCGTCTCAGCGGCCATCATGTTT
 GCTGCCAACCTGACTCTGGGGCTGTACATCCACTTTGGCCCCAGGCCCTGAGCCCCAACAGCAGCTGCGG
 GCCTGGAAAGCGAGTCTGGGGGACTTGGCGCAGCCCTGGCAGCACCCTGGCTACCTCACCTGCTGGT
 GCCCTGCTGGCCACCATGCTCTTCATCATGGGCTACGCCGTGGGCTGGGGTCCCATCACCTGGCTGCTC
 ATGTCTGAGGTCTGCCCTGCGTGCCTGGCGTGGCCTCAGGGCTCTGCGTGTGCCAGCTGGCTCA
 CCGCCTTCGCTCTACCAAGTCTTCTGCCAGTGGTGGCAGCCTTCGGCCTCCAGGTGCCTTTCTTCTT
 CTTGCGGGCCATCTGCTTGGTGGCCTGGTGTTCACAGGCTGCTGTGTGCCCGAGACCAAGGACGGTCC
 CTGGAGCAGATCGAGTCTTCTCCGCACGGGGAGAAGGTCTTCTTGGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204391 protein sequence
 Red=Cloning site Green=Tags(s)

MQEPLLGAEGPDYDTFPEKPPSPGDRARVGLQNKRVFLATFAAVLGNFSFGYALVYVYSPVIPALERSL
 DPDLHLTKSQASWFGSVFTLGAAGGLSAMILNDLLGRKLSIMFSAVPSAAGYALMAGAHGLWMLLLGRT
 LTGFAGGLTAACIPVYVSEIAPPGVVRGALGATPQLMAVFGSLSLYALGLLLPWRWLAVAGEAPVIMILL
 LSFMPNSPRFLLSRGRDEEALRALAWLRGTDVDVHWEFEQIQDNVRRQSSRVSWAEARAPHVCRPITVAL
 LMRLQLQLTGITPILVYLQSIQIFDSTAVLLPPKDDAAIVGAVRLLSVLIAALTMDLAGRKVLVFSAAIMF
 AANLTLGLYIHFGRPLSPNSTAGLESESWGDLAQPLAAPAGYLTLPVLLATMLFIMGYAVGWGPITWLL
 MSEVPLRARGVASGLCVLASWLTAFVLTGSFLPVVSTFGLQVPFFFFAAICLVSLVFTGCCVPETKGRS
 LEQIESFFRTGRRSFLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017585

ORF Size:

1521 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_017585.2</u>
RefSeq Size:	2563 bp
RefSeq ORF:	1524 bp
Locus ID:	11182
UniProt ID:	<u>Q9UGQ3</u>
Cytogenetics:	9q34.2
MW:	54.5 kDa