

Product datasheet for **RC212948A1V**

Human SLC6A19 (NM_001003841) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A19 (NM_001003841) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A19
Synonyms:	B0AT1; HND
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212948 representing NM_001003841
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTGAGGCTCGTGCTGCCAACCCCGGCCTAGACGCCCGGATCCCGTCCCTGGCTGAGCTGGAGACCA
 TCGAGCAGGAGGAGGCCAGCTCCCGGCCGAAGTGGGACAACAAGGCGCAGTACATGCTCACCTGCCTGGG
 CTTCTGCGTGGGCCTCGGCAACGTGTGGCGCTTCCCCTACCTGTGTGAGGCCACGGAGGAGGAGCCTTC
 ATGATCCCGTTCTCATCTGCTGGTCTGGAGGGCATCCCCCTGCTGTACCTGGAGTTCGCCATCGGGC
 AGCGGCTGCGCGGGGAGCCTGGGTGTGTGGAGCTCCATCCACCCGGCCCTGAAGGGCTAGGCCTGGC
 CTCCATGCTCACGTCTTCATGGTGGGACTGTATTACAACACCATCATCTCTGGATCATGTGGTACTTA
 TTCAACTCCTTCAGGAGCCTCTGCCCTGGAGCGACTGCCCGCTCAACGAGAACCAGACAGGGTATGTGG
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 TGACCATCTTCTCATCCGAGGCTGACGCTGAAGGGCGCCACCAATGGCATCGTCTTCTCTTACGCC
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 CTTACGCGCAGCTGGTGTTCAGACCTGCGACATCAACGCCTTCTCTCAGAGGCGGTGGAGGGCACAGG
 CTTGGCCTTCATCGTCTTCACCGAGGCCATCACCAAGATGCCGTTGTCCCCACTGTGGTCTGTGCTCTTC
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 CCTCATTGGCTTCATCTTACGCTGAACCTCCGGCCAGTACTGGCTCTCCCTGCTGGACAGCTATGCCGGC
 TCCATTCCTGCTCATCATCGCCTTCTGCGAGATGTTCTCTGTGGTCTACGTGTACGGTGTGGACAGGT
 TCAATAAGGACATCGAGTTCATGATCGGCCACAAGCCCAACATCTTCTGGCAAGTCACGTGGCGCGTGGT
 CAGCCCCCTGCTCATGCTGATCATCTTCTCTTCTTCTCTGTTAGAGGTGAGTCAGGAGCTGACCTAC
 AGCATCTGGGACCCTGGCTACGAGGAATTTCCCAAATCCAGAAGATCTCTACCCGAACCTGGGTGTATG
 TGGTGGTGGTATTGTGGCTGGAGTGCCTCCCTCACCATCCCTGGCTATGCCATCTACAAGCTCATCAG
 GAACCACTGCCAGAAGCCAGGGGACCATCAGGGGCTGGTGGACACTGTCCACAGCCTCCATGAACGGG
 GACCTGAAGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212948 representing NM_001003841 Red=Cloning site Green=Tags(s) MVRLVLPNPGLDARIPSLAELETIEQEEASSRPKWDNKAQYMLTCLGFCVGLGNVWRFYPYLCQSHGGGAF MIPFLILLVLEGIPLLYLEFAIGQRLRRGSLGVWSSIHPALKGLGLASMLTSFMVGLYYNTIISWIMWYL FNSFQEPLPWSDCPLNENQTYVDECARSSPDYFWYRETLNISTSIDSGSIQWMLLCLACAWSVLYM CTIRGIETTGAAYITSTLPYVVLTIIFLIRGLTLKGATNGIVFLFTPNTVTELAQPDWLDAGAQVFFSFS LAFGGLISFSSYNSVHNNCEKDSVIVSIINGFTSVYVAIVVYSVIGFRATQRYDDCFSTNLTLLINGFDL PEGNVTQENFVDMQQRCNASDPAAYQLVFQTCDINAFLSEAVEGTGLAFIVFTEAITKMPLSPLWSVLF FIMLFCLGLSSMFGNMEGVVPLQDLRVIPPKWPKEVLTGLICLGTFLIGFIFTLNSGQYWLSDLDSYAG SIPLLLIIAFCEMFVVVYVGVDRFNKDIEFMIGHKPNIFWQVTWRVVSPLMLIIFLFFVVEVSQELTY SIWDPGYEEFPKSQKISYPNWWVVVVIVAGVPSLTIPGYAIYKLIRNHCQKPGDHQGLVSTLSTASMNG DLKY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001003841
ORF Size:	1902 bp
Buffer:	PBS with 0.001% Pluronic F6961
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_001003841.1, NP_001003841.1</u>
RefSeq Size:	1905 bp
RefSeq ORF:	1905 bp
Locus ID:	340024
UniProt ID:	<u>Q695T7</u>
Cytogenetics:	5p15.33
MW:	70.9 kDa