

Product datasheet for **RC224822A1V**

Human SGLT2 (SLC5A2) (NM_003041) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SGLT2 (SLC5A2) (NM_003041) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC5A2
Synonyms:	SGLT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC224822 representing NM_003041
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGCACACAGAGGCAGGCTCGGCACCAGAGATGGGGGCCAGAAAGGCCCTGATTGACAATCCTG
 CTGACATCCTAGTCATTGCTGCATATTTCTGCTGGTCATTGGCGTTGGCTTGTGGTCCATGTGCAGAAC
 CAACAGAGGCACTGTGGCGGGTACTTCTGGCAGGACGAGCATGGTGTGGTGGCCGGTTGGGGCCTCT
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 CCTCGGCGTGCCAGCTTCTCTGCGGCGTGCATACCTCTACTTCGCCATTGTGCTGTTCTTCTGCTC
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 TTCAGTCTCCGCATAGCAAGGAGGAACGGGAGGACCTGGATGCTGATGAGCAGCAAGGCTCCTCACTCC
 CTGTACAGAATGGGTGCCAGAGAGTGCCATGGAGATGAATGAGCCCCAGGCCCGGCACCAAGCCTCTT
 CCGCCAGTGCCTGCTCTGGTTTTGTGGAATGAGCAGAGGTGGGGTGGGAGTCTCCGCCCTTACCCAG
 GAGGAGGCAGCGGCAGCAGCCAGGCGGCTGGAGGACATCAGCGAGGACCCGAGCTGGGCCGTGTGGTCA
 ACCTCAATGCCCTGCTCATGATGGCAGTGGCGGTTCCTCTGGGGCTTCTATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
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Protein Sequence:	>RC224822 representing NM_003041 Red=Cloning site Green=Tags(s) MEEHTEAGSAPEMGAQKALIDNPADILVIAAYFLLVIGVGLWSMCRNTNRGTVGGYFLAGRSMVWWPVGAS LFASNIGSGHFVGLAGTGAASGLAVAGFEWNALFVLLLGWLFAPVYL TAGVITMPQYLRKRFGGRRIRL YLSVLSLFLYIFTKISVDMFSGAVFIQQALGWNIIYASVIALLGITMIYTVTGGLAALMYTDTVQTFVILG GACILMGYAFHEVGGYSGLFDKYLGAATSLTVSEDPVGNISFCYRPRPDSYHLLRHPVTGDLWPALL LGLTIVSGWYWCSQDQIVQRCLAGKSLTHIKAGCILCGYLKLTMPFLMVMPGMISRILYPDEVACVVEV CRRVCGTEVGCSNIAYPRLVVKLMPNGLRGLMLAVMLAALMSSLASIFNSSSTLFTMDIYTRLRPRAGDR ELLLVLGRLVWVFIVVSVAWLPVVQAAQGGQLFDYIQAVSSYLAPPVSAVFLALFVPRVNEQGAFWGLI GLLMGLARL IPEFSFGSGSCVQPSACPAFLCGVHYLYFAIVLFFCSGLLTLTVSLCTAPIPRKHLHRLV FSLRHSKEEREDLDADEQQGSSLPVQNGCPESAMEMNEPQAPAPSLFRQCLLWFCGMSRGGVGSPPPLTQ EEAARLRLEDISEDPSTARVNLNALLMMAVAVFLWGFYA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003041
ORF Size:	2016 bp
Buffer:	PBS with 0.001% Pluronic F8866
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_003041.2</u>
RefSeq Size:	2271 bp
RefSeq ORF:	2019 bp
Locus ID:	6524
UniProt ID:	<u>P31639</u>
Cytogenetics:	16p11.2
MW:	72.7 kDa