

Product datasheet for **RC209177A1V**

Human **ST6GALNAC3 (NM_152996) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human ST6GALNAC3 (NM_152996) AAV Particle
Tag:	Myc-DDK
Symbol:	ST6GALNAC3
Synonyms:	PRO7177; SIAT7C; ST6GALNACIII; STY
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209177 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCTGCATCCTGAAGAGAAAGTCTGTGATTGCTGTGAGCTTCATAGCAGCGTTCCTTTCTGCTGG
TTGTGCGTCTTGTAATGAAGTGAATTTCCATTGCTACTAACTGCTTTGGACAACCTGGTACAAAGTG
GATACCATTCCTACACATACAGGCGGCCCTTCGAATCACTATGGATACATAAATGTGAAGACACAA
GAGCCTTTGCAACTGGACTGTGACCTTTGTGCCATAGTGTCAAATCAGGTGAGTGGTGGCCAGAAGG
TGGGAAATGAGATAGATCGATCCTCCTGCATTTGGAGAATGAACAATGCCCCACCAAAGGTTATGAAGA
AGATGTCGGCCGCATGACCATGATTGAGTTGTGTCCCATACCGCGTTCCTCTTTTGTAAAAAACCCCT
GATTATTTTTTCAAGGAAGCGAATACTACTATTATGTTATTTGGGGACCTTTCCGCAATATGAGGAAAG
ATGGCAATGGCATCGTTTACAACATGTTGAAAAAGACAGTTGGTATCTATCCGAATGCCCAAATATACGT
GACCACAGAGAAGCGCATGAGTTACTGTGATGGAGTTTTTAAGAAGGAACTGGGAAGGACAGAGTCCAG
TCTGGCTCATATCTCAGCACAGGTTGGTTACCTTCATTCTGGCCATGGACGCCTGTTATGGCATTACG
TCTACGGGATGATAAATGACACCTACTGCAAGACAGAAGGTATAGAAAAGTCCCCTACCATTATTATGA
ACAAGGAAGAGATGAGTGTGATGAATTTTTCTTCATGAACATGCCCCATATGGGGTTCATAGGTTTATC
ACTGAAAAGAAAGTGTGCTAAATGGGCCAAGAAGCACAGGATAATATTACACATCCAACTGGACAT
TGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209177 protein sequence Red=Cloning site Green=Tags(s) MACILKRKSVIAVSFIAAFLFLLVVRLVNEVNFLLLNCFGQPGTKWIPFSYTYRRPLRTHYGYINVKTQ EPLQLDCDLCAIVSNSGQMVGQKVGNEIDRSSCIWRMNNAPTKEYEEDVGRMTMIRVVSHTSVPLLLKNP DYFFKEANTTIYVIWGPFRNMRKDGNGIYVNMMLKKTGVIYPNAQIYVTTEKRMSYCDGVFKKETGKDRVQ SGSYLSTGWFTFILAMDACYGIHVYGMINDTYCKTEGYRKVPYHYEYQGRDECDEYFLHEHAPYGGHRFI TEKKVFAKWAKKHRIIFTHPNWTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152996
ORF Size:	915 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_152996.1</u>
RefSeq Size:	3259 bp
RefSeq ORF:	918 bp
Locus ID:	256435
UniProt ID:	<u>Q8NDV1</u>
Cytogenetics:	1p31.1
MW:	35.4 kDa