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Product datasheet for RC200218A1V

Human ST6GALNAC6 (NM_013443) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ST6GALNAC6 (NM_013443) AAV Particle
Tag:	Myc-DDK
Symbol:	ST6GALNAC6
Synonyms:	SIAT7-F; SIAT7F; ST6GALNACVI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC200218 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTGCTCGAGGCCCCCCAGCCAGTGTGAACCCACATCCCTGCCCCCAGGGCCACCTGCAGGACGCC
GACACCTACCCCTCAGCAGACGCCGGAGAGAAATGAGTAGCAACAAAGAGCAGCGGTCAGCAGTGTTCGT
GATCCTCTTTGCCCTCATCACCATCCTCATCCTCTACAGCTCCAACAGTGCCAATGAGGTCTTCCATTAC
GGCTCCCTGCGGGGCCGTAGCCGCCGACCTGTCAACCTCAAGAAGTGGAGCATCACTGACGGCTATGTCC
CCATTCTCGGCAACAAGACACTGCCCTCTCGGTGCCACCAGTGTGTGATTGTCAGCAGCTCCAGCCACCT
GCTGGGCACCAAGCTGGGCCCTGAGATCGAGCGGGCTGAGTGTACAATCCGCATGAATGATGCACCCACC
ACTGGCTACTCAGCTGATGTGGGCAACAAGACCACCTACCGCGTCGTGGCCCATTCCAGTGTGTTCCGCG
TGCTGAGGAGGCCCCAGGAGTTTGTCAACCGGACCCCTGAAACCGTGTTCATCTTCTGGGGGCCCCCGAG
CAAGATGCAGAAGCCCCAGGGCAGCCTCGTGCGTGTGATCCAGCGAGCGGGCCTGGTGTTCCCCAACATG
GAAGCATATGCCGTCTCTCCCGGCCGCATGCGGCAATTTGACGACCTCTTCCGGGGTGAGACGGGCAAGG
ACAGGGAGAAGTCTCATTCGTGGTTGAGCACAGGCTGGTTTACCATGGTGATCGCGGTGGAGTTGTGTGA
CCACGTGCATGTCTATGGCATGGTCCCCCCCAACTACTGCAGCCAGCGGCCCCGCCTCCAGCGCATGCCC
TACCACTACTACGAGCCCAAGGGGCCGGACGAATGTGTCACCTACATCCAGAATGAGCACAGTCGCAAGG
GCAACCACCACCGCTTCATCACCGAGAAAAGGGTCTTCTCATCGTGGGCCCAGCTGTATGGCATCACCTT
CTCCCACCCCTCCTGGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>RC200218 protein sequence
Red=Cloning site Green=Tags(s)

MACSRPPSQCEPTSLPPGPPAGRRHLPLSRRRREMSSNKEQRSAVFVILFALITILILYSSNSANEVFHY
GSLRGRSRRPVNLKKWSITDGYVPILGNKTLPSRCHQCVIVSSSSHLLGTKLGPEIERAECTIRMNDAPT
TGYSADVGNKTTYRVVAHSSVFRVLRRPQEFVNRTPETVFIFWGPPSKMQKPQGSLVRVIQRAGLVFPNM
EAYAVSPGRMRQFDDLFRGETGKDREKSHSWLSTGWFTMVIAVELCDHVHVYGMVPPNYCSQRPRLQRMP
YHYYEPKGPDECVTYIQNEHSRKGNHHRFITEKRVFSSWAQLYGITFSHPSWT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_013443

ORF Size: 999 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: NM_013443.3

RefSeq Size: 2474 bp

RefSeq ORF: 1002 bp

Locus ID: 30815

UniProt ID: Q969X2

Cytogenetics: 9q34.11

MW: 38.1 kDa