

Product datasheet for **RC217696A1V**

Human SIAT4A (ST3GAL1) (NM_003033) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SIAT4A (ST3GAL1) (NM_003033) AAV Particle
Tag:	Myc-DDK
Symbol:	SIAT4A
Synonyms:	1; Gal-NAc6S; SIAT4A; SIATFL; ST3GalA; ST3GalA.1; ST3GalIA; ST3O
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217696 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGACCCTGCGGAAGAGGACCCTGAAAGTGCTCACCTTCCTCGTGCTTTCATCTTCCTCACCTCCT
TCTTCCTGAACTACTCCACACCATGGTGGCCACCACCTGGTTCCCAAGCAGATGGTCTGGAGCTCTC
CGAGAACCCTGAAGAGACTGATCAAGCACAGGCCCTGCACCTGCACCCACTGCATCGGGCAGCGCAAGCTC
TCGGCCTGGTTCGATGAGAGGTTCAACCAGACCATGCAGCCGCTGCTGACTGCCAGAACGCGCTTTGG
AGGACGACACCTACCGATGGTGGCTGAGGCTCCAGCGGAGAGAAGAAGCCCAATAACTTGAATGACACCAT
CAAGGAGCTGTTCAAGAGTGGTGCCTGGGAATGTGGACCCATATGCTGGAGAAGAGGTCGGTGGGCTGCCGG
CGCTGCGCCGTTGTGGGCAACTCGGGCAACCTGAGGGAGTCTTCTTATGGGCTGAGATAGACAGTCACG
ACTTTGTCTCAGGATGAACAAGGCGCCACGGCAGGGTTTGAAGCTGATGTTGGGACCAAGACCACCCA
CCATCTGGTGTACCCTGAGAGCTTCCGGGAGCTGGGAGATAATGTGAGCATGATCCTGGTGCCCTTCAAG
ACCATCGACTTGGAGTGGTGGTGGAGCGCCATCACCACGGGCACCATTTCCACACCTACATCCCGGTTT
CTGCAAAGATCAGAGTAAACAGGATAAGATCCTGATCTACCACCCAGCCTTCATCAAGTATGCTTTGA
CAACTGGCTGCAAGGGCACGGGCGATACCCATCTACCGGCATCCTCTCGGTATCTTCTCAATGCATGTC
TGCGATGAGGTGGACTTGTACGGCTTCCGGGCGAGACAGCAAAGGGAAGTGGCACCCTACTGGGAGAACA
ACCCATCCGCGGGGGCTTTTCGCAAGACGGGGTGCACGATGCAGACTTTGAGTCTAACGTGACGGCCAC
CTTGGCCTCCATCAATAAAATCCGGATCTTCAAGGGGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217696 protein sequence Red=Cloning site Green=Tags(s) MVTLRKRTLKVLTFLLVLFIFLTSFFFLNYSHTMVATTWFPKQMVLELSENLKRLIKHRPCTCTHCIGQRKL SAWFDERFNQTMQPLLTAQNALLEDDTYRWLRLQREKKPNLNDTIKELFRVVPGNVDPMLEKRSVGCGR CAVVGNSGNLRESSYGPEIDSHDFVLRMNKAPTAGFEADVGTKTTHHLVYPEFRELGDNVSMILVPFK TIDLEWVSAITTTGTISHTYIPVPAKIRVKQDKILIIYHPAFIKYVFDNWLQGHGRYPSTGILSVIFSMHV CDEVLDLYGFGADSKGNWHHYWENNPSAGAFRKTGVHDADFESNVTATLASINKIRIFKGR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003033
ORF Size:	1020 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_003033.2
RefSeq Size:	6971 bp
RefSeq ORF:	1023 bp
Locus ID:	6482
UniProt ID:	Q11201
Cytogenetics:	8q24.22
MW:	39.1 kDa