

Product datasheet for **RC209400A1V**

Human **ST3GAL5** (NM_003896) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ST3GAL5
Synonyms:	SATI; SIAT9; SIATGM3S; SPDRS; ST3Gal V; ST3GalV
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC209400 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGGACGAAGGCGGCGGCTGCGCGGAGCGGCTCCCTGCAGCCGCGGACCGAGGCAGCGGCGGCAC
CTGCCGCGCGAGCAATGCCAAGTGAGTACACCTATGTGAACTGAGAAGTGATTGCTCGAGGCTTCCCT
GCAATGGTACACCCGAGCTCAAAGCAAGATGAGAAGGCCAGCTTGTATTAAAAGACATCCTCAAATGT
ACATTGCTTGTGTTGGAGTGTGGATCCTTTATATCCTCAAGTTAAATTATACTACTGAAGAATGTGACA
TGAAAAAATGCATTATGTGGACCTGACCGTGTAAAGAGAGCTCAGAAATATGCTCAGCAAGTCTTGCA
GAAGGAATGTCGTCCCAAGTTTGCCAAGACATCAATGGCGCTGTTATTTGAGCACAGGTATAGCGTGGAC
TTACTCCCTTTTGTGCAGAAGGCCCCAAAGACAGTGAAGCTGAGTCCAAGTACGATCCTCCTTTTGGGT
TCCGGAAGTCTCCAGTAAAGTCCAGACCTCTTGGAAGTCTTGCCAGAGCACGACCTCCCTGAACACTT
GAAAGCCAAGACCTGTCGGCGCTGTGTGTTATTGGAAGCGGAGGAATACTGCACGGATTAGAAGTGGGC
CACACCCTGAACCAAGTTCGATGTTGTGATAAGGTTAAACAGTGCACCAAGTGGGGATTATCAGAACATG
TTGGAATAAACTACTATAAGGATGACTTATCCAGAGGGCGCACCAGTCTGACCTTGAATATTATTC
CAATGACTTATTTGTTGCTGTTTTATTTAAGAGTGTGATTCAACTGGCTTCAAGCAATGGTAAAAAG
GAAACCCTGCCATTCTGGGTACGACTCTTCTTTGGAAGCAGGTGGCAGAAAAATCCCACTGCAGCCAA
AACATTTCAAGATTTTGAATCCAGTTATCATCAAGAGACTGCCTTTGACATCCTTCAGTACTCAGAGCC
TCAGTCAAGGTTCTGGGCGGAGATAAGAACGTCCCCACAATCGGTGTCATTGCCGTTGTCTTAGCCACA
CATCTGTGCGATGAAGTCAAGTGTGGCGGTTTTGGATATGACCTCAATCAACCCAGAACACCTTTGCACT
ACTTCGACAGTCAATGCATGGCTGCTATGAACTTTAGACCATGCATAATGTGACAACGGAACCAAGTT
CCTCTTAAAGCTGGTCAAAGAGGGAGTGGTAAAGATCTCAGTGGAGGCATTGATCGTGAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC209400 protein sequence Red=Cloning site Green=Tags(s) MRTKAAGCAERRPLQPRTEAAAAAGRAMPSSEYTYVKLRSDCSRPSLQWYTRAQSKMRRPSLLLKDILKC TLLVFGVWILYILKLNYTEECMDKMHYVDPDRVKRAQKYAQQLQKECRPKFAKTSMAALLFEHRYSD LLPFVQKAPKDSEAESKYDPPFGFRKFSSKVQTLELLPEHDLPEHLKAKTCRRCVVIGSGGILHGLELG HTLNQFDVVIRLNSAPVEGYSEHVGNKTTIRMTYPEGAPLSDLEYYSNDLFVAVLFKSVDFNWLQAMVKK ETLPFWVRLFFWKQVAEKIPLQPKHFRILNPVIIKETAFDILQYSEPQSRFWGRDKNVPTIGVIAVVLAT HLCDEVSLAGFGYDLNQPRTPPLHYFDSQCMAAMNFQTMHNVTTETKFLKLKLVKEGVVKDLSSGIDREF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003896
ORF Size:	1254 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_003896.3, NP_003887.3</u>
RefSeq Size:	2397 bp
RefSeq ORF:	1257 bp
Locus ID:	8869
UniProt ID:	<u>Q9UNP4</u>
Cytogenetics:	2p11.2
MW:	48 kDa