

Product datasheet for **RC201429A1V**

Human SGTA (NM_003021) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SGTA (NM_003021) AAV Particle
Tag:	Myc-DDK
Symbol:	SGTA
Synonyms:	alphaSGT; hSGT; SGT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201429 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACAACAAGAAGCGCCTGGCCTACGCCATCATCCAGTTCCTGCATGACCAGCTCCGGCACGGGGGCC
TCTCGTCCGATGCTCAGGAGAGCTTGGAAGTCGCCATCCAGTGCCTGGAGACTGCGTTTGGGGTGACGGT
AGAAGACAGTGACCTTGCCTCCCTCAGACTCTGCCGAGATATTTGAAGCGGCTGCCACGGGCAAGGAG
ATGCCGCAGGACCTGAGGAGCCCCGCGCAACCCCGCCTTCGAGGAGGACTCAGCAGAGGCAGAGCGCC
TCAAAACCGAAGGAAACGAGCAGATGAAAGTGAAAACTTTGAAGCTGCCGTGCATTTCTACGAAAAAGC
CATCGAGCTCAACCCAGCCAACGCCGTCTATTTCTGCAACAGAGCCGAGCCTACAGCAAACCTCGGCAAC
TACGCAGGCGCGGTGCAGGACTGTGAGCGGGCCATCTGCATTGACCCGGCCTACAGCAAGGCCTACGGCA
GGATGGGCCTGGCGCTCTCCAGCCTCAACAAGCAGCTGGAGGCCGTGGCTTACTACAAGAAGGCTCTGGA
GCTGGACCCCGACAACGAGACATACAAGTCCAACCTCAAGATAGCGGAGCTGAAGCTGCGGGAGGCCCCC
AGCCCCACGGGAGGCGTGGGCAGCTTCGACATCGCCGGCCTGCTGAACAACCTGGCTTCATGAGCATGG
CTTCGAACCTAATGAACAATCCCCAGATTCAGCAGCTCATGTCCGGCATGATTTCCGGGTGGAACAACCC
CTTGGAACCTCCCGGACCCAGCCCTCGCAGAACGACCTGGCCAGCCTCATCCAGGCGGGCCAGCAGTTT
GCCCAGCAGATGCAGCAGCAGAACCCAGAGTTGATAGAGCAGCTCAGGAGCCAGATCCGGAGTCGGACGC
CCAGCGCCAGCAACGACGACCAGCAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201429 protein sequence Red=Cloning site Green=Tags(s) MDNKKRLAYAIQFLHDQLRHGGLSSDAQESLEVAIQCLEAFGVTVEDSDLALPQTLPEIFEAATGKE MPQDLRSPARTPPSEEDSAEERLKTEGNEQMKVENFEAAVHFYGAIELNPANAVYFCNRAAAYSCLGN YAGAVQDCERAICIDPAYSKAYGRMGLALSSLNKHVEAVAYYKKALELDPDNETYKSNLKIAELKLREAP SPTGGVGSFDIAGLLNPNPGFMSMASNLMNNPQIQQLMSGMISGGNNPLGTPGTSPSQNDLASLIQAGQQF AQQMQQNPQLIEQLRSQIRSRTPSASNDQDQE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003021
ORF Size:	939 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_003021.3
RefSeq Size:	2358 bp
RefSeq ORF:	942 bp
Locus ID:	6449
UniProt ID:	O43765
Cytogenetics:	19p13.3
MW:	34.1 kDa