

Product datasheet for **RC210431A1V**

Human Steroid sulfatase (STS) (NM_000351) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Steroid sulfatase (STS) (NM_000351) AAV Particle
Tag:	Myc-DDK
Symbol:	STS
Synonyms:	ARSC; ARSC1; ASC; ES; SSDD; XLI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210431 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCTTTAAGGAAGATGAAGATCCCTTCTCTCTACTGTTCTTTCTGTGGGAAGCCGAGAGCCACGCAG
 CATCAAGGCCGAACATCATCCTGGTGATGGCTGACGACCTCGGCATTGGAGATCCTGGGTGCTATGGGAA
 CAAAATATCAGGACTCCCAATATCGACCGGTTGGCCAGTGGGGAGTGAAGTCACTCAGCACCTGGCA
 GCATCACCCTGTGCACACCAAGCAGGGCAGCCTTCATGACTGGCCGGTACCCTGTCCGATCAGGAATGG
 CATCTTGGTCCCGCACTGGAGTTTTCTCTTACAGCCTCTTCGGGAGGACTCCACCGATGAGATTAC
 CTTTGCTAAGCTTCTGAAGGATCAAGGTTATTCAACAGCACTGATAGGAAATGGCACCTGGGATGAGC
 TGTACAGCAAGACTGACTTCTGTACCAACCTTTACATCAGCGCTTCAATTATTTCTATGGGATCTCTT
 TGACCAATCTGAGAGACTGCAAGCCCGAGAGGGCAGTGTCTTACCACGGGCTTCAAGAGGCTGGTCTT
 CCTCCCCCTGCAGATCGTCGGGGTCAACCTCCTTACCCTTGTGCACTCAATTGTCTGGGGCTACTCCAC
 GTGCCTCTAGGCGTTTTTTTTCAGCCTTCTCTCTAGCAGCCCTAATCCTGACCCCTTTCTTGGGCTTCC
 TTCATTACTTCCGGCCCTGAAGTGTTCATGATGAGGAACTACGAGATCATTACGACAGCCCATGTCCTA
 TGACAATCTCACCAGAGGCTAACGGTGGAGGCGGCCAGTTCATACAGCGGAACACTGAGACTCCGTTC
 CTGCTTGTCTTGTCTACCTCCACGTGCACACGCCCTGTTCTCCAGCAAAGACTTTGCTGGCAAAAGTC
 AACACGGAGTCTACGGGGATGCTGTTGAGGAAATGGACTGGAGTGTGGGGCAGATCTGAACCTTCTGGA
 TGAGCTGAGATTGGCTAATGATACCCTCATCTACTTCACATCGGACCAGGGAGCATGTAGAAGAAGTG
 TCTTCCAAAGGAGAAATTCATGGCGGAAGTAATGGGATCTATAAAGGAGGAAAAGCAAACAACCTGGGAAG
 GAGGTATCCGGGTTCCAGGCATCCTTCTGTTGGCCAGGGTGATACAGGCTGGCCAGAAGATTGATGAGCC
 CACTAGCAACATGGACATATTTCTACAGTAGCCAAGCTGGCTGGAGCTCCCTTGCTGAGGACAGGATC
 ATTGATGGACGTGATCTGATGCCCTGCTTGAAGGAAAAAGCCACGCTCCGATCATGAGTTTCTCTTCC
 ATTACTGCAACGCCTACTTAAATGCTGTGCGCTGGCACCTCAGAACAGCACATCCATCTGGAAGGCCTT
 TTTCTTACCCCCAATTCAACCCCGTGGGTTCCAACGGATGCTTTGCCACACAGTGTGCTTCTGTTTC
 GGGAGTTATGTACCCATCAGACCCACCTTTACTCTTTGATATTTCAAAGATCCCAGAGAGAGAAACC
 CACTAACTCCAGCATCCGAGCCCGGTTTTATGAAATCCTCAAAGTCATGCAGGAAGCTGCGACAGACA
 CACCCAGACCCTGCCAGAGGTGCCGATCAGTTTTCATGGAACAACCTTTCTTTGGAAGCCCTGGCTTCA
 GTGTGCTGCTTCCACCGGCCTGTCTTCCAGTGTGATAGAGAAAAACAGGATAAGAGACTGAGCCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210431 protein sequence
 Red=Cloning site Green=Tags(s)

MPLRKMKIPFLLFFLWEASHAASRPNIILVMADDLGIDPGCYGNKTIRTPNIDRLASGGVKLTQHLA
 ASPLCTPSRAAFMTGRYPVRSGMASWSRTGVFLFTASSGGLPTDEITFAKLLKDQGYSTALIGKWHLMGS
 CHSKTDFCHHPLHHGFNYFYGISLTNLRDCKPGEFSVFTTGFKRLVFLPLQIVGVTLTLAALNCLGLLH
 VPLGVFFSLLFLAALILTLFLGLHYFRPLNCFMMRNYEIIQQPMSYDNLQRLTVEAAQFIQRNTETPF
 LLVLSYLVHVTALFSSKDFAGKSQHGVSQDAVEEMDWSVGQILNLLDELRLANDTLIYFTSDQGAHVEEV
 SSKGEIHGGSNGIYKGGKANNWEGGIRVPGILRWPRVIQAGQKIDEPTSNMDIFPTVAKLAGAPLPEDRI
 IDGRDLMPLLEGKSQRSDHEFLFYCNAYLNAVRWHPQNSTSIWKAFFFTPNFNPVGSNGCFATHVCF
 GSYVTHHDPPLLFDISKDPRENRPLTPASEPRFYEILKVMQEAADRHTQTLPVDPDQFSWNNFLWKPLQ
 LCCPSTGLSCQCDREKQDKRLSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_000351
ORF Size:	1749 bp
Buffer:	PBS with 0.001% Pluronic F6583
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_000351.3</u>
RefSeq Size:	6377 bp
RefSeq ORF:	1737 bp
Locus ID:	412
UniProt ID:	<u>P08842</u>
Cytogenetics:	Xp22.31
MW:	65.5 kDa