

Product datasheet for **RC221640A1V**

Human HS6ST2 (NM_147175) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HS6ST2 (NM_147175) AAV Particle
Tag:	Myc-DDK
Symbol:	HS6ST2
Synonyms:	MRXSPM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221640 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCACTGCCTGCGTGTGCAGTCCGGGAGTTCGAGCCGCCCGGCAACCGGAGCGAGGAGCGCCCGTCC
 GCACCACCTGTCCCGCCGGCATTCCAGAGTAGAGGCCGAATTGGCAGCGAGCCGGCCCGGGTCGGTCGC
 CGCCTCAGTTCGCGCGGGCCCTCCTAGGGGTGTGTCTACGGATTCCACACCCGGCCGCTCCTGGACAAG
 CCCCAGAAAGCGTCTTCTTCCCTGGCGGGAGCCGCGTGCGCCCGCTTTTCGCGTGTGTCCCGGGGCC
 GCCGACGGCGGATGCACGTCTCAGGCGACGCTGGGACCTGGGCTCCCTCTGCCGGGCCCTGCTCACTCG
 GGGCTGGCGGCCCTGGCCACTCGTGAAGCACGTGCTCGGTGCGATCTTCTCAAGATTTTCGGCCCC
 ATGGCCAGCGTCGGGAACATGGATGAGAAATCCAACAAGCTGCTGCTAGCTTTGGTGATGCTCTTCTAT
 TTGCCGTGATCGTCTCAATACGTGTGCCCGGCACAGAATGCCAGCTCCTCCGCTGCAGGCGTTTCAG
 CTCCCCGTGCCGGACCGTACCGCTCGGAGGATGAGAGCTCCGCCAGGTTCTGCCCCGCTACAATTC
 ACCCGCGCGCACTCCTGCGCAAGGTAGACTTCGACATCAAGGCGGATGACCTGATCGTGTCTCTGCACA
 TCCAGAAGACCGGGGGCACCCTTTTCGGCCGCCACTTGGTGCCTAACATCCAGCTGGAGCAGCCGTGCGA
 GTGCCGCGTGGGTGAGAAGAAATGCACTTGCCACCGGCCGGTAAGCGGGAAACCTGGCTCTTCTCCAGG
 TTCTCCACGGCTGGAGCTGCGGGTTCACGCCGACTGGACCGAGCTCACCAGCTGTGTGCCCTCCGTGG
 TGGACGGCAAGCGCGACGCCAGGCTGAGACCGTCCAGGAATTCCTACTACATCACCATCTCCGAGACCC
 AGTGTCCCGTACTTGAGTGAGTGAGGCGATGTCCAGAGAGGGGCAACATGGAAGCATCCCTGCATGTC
 TCGCATGGAAGCCTCAACCTCCGAAGAGCTGCCAGCTGCTACACTGGCGATGACTGGTCTGGCTGCC
 CCCTCAAAGAGTTTATGACTGTCCCTACAATCTAGCCAACAACCGCCAGGTGCGCATGCTCTCCGACCT
 GACCTGGTAGGCTGCTACAACCTCTCTGTCATGCCTGAAAAGCAAAGAAACAAGGTCTTCTGGAAAGT
 GCCAAGTCAAATCTGAAGCACATGGCGTCTTTCGGCCTCACTGAGTTTCAGCGGAAGACCAATATCTGT
 TTGAGAAAACCTTCAACATGAACCTTTATTTTCGCCATTTACCCAGTATAATACCACTAGGGCCTCTAGTGT
 AGAGATCAATGAGGAAATTCAAAAGCGTATTGAGGACTGAATTTTCTGGATATGGAGTTGTACAGCTAT
 GCCAAAGACCTTTTTTTTCAGAGGTATCAGTTTATGAGGCAGAAAGAGCATCAGGAGGCCAGGCGAAAGC
 GTCAGGAACAACGAAATTTCTGAAGGGAAGGCTCCTTCAGACCCATTTCCAGAGCCAGGTCAGGGCCA
 GAGCCAGAATCCGAATCAGAATCAGAGTCAGAACCCAAATCCGAATGCCAATCAGAACCTGACTCAGAAT
 CTGATGCAGAATCTGACTCAGAGTTTGAAGCAGAGGAGAACCGGGAAGCCCGAAGCAGAACTCAGGCA
 AGGAGCAGAATGATAACACCAGCAATGACCAACGACTACATAGGCAGTGTAGAGAAATGGCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221640 protein sequence
 Red=Cloning site Green=Tags(s)

MALPACAVREFEPPRQPERGAPVRTTCPRRHSRVEAELASRPGSVAASVRAGPPRGVSHGFHTRPLLDK
 PRKASSSLAGAACAPLFAALLSRGRRRMHVLRRRWDLGSLCRALLTRGLAALGHSLKHVLGAIFSKIFGP
 MASVGNMDEKSNKLLALLVMLFLFAVIVLQYVCPGTECQLRLQAFSSPVPDPYRSEDESSARFVPRYNF
 TRGDLLRKVDFDIKGGDLIVFLHIQKTGGTTFGRHLVRNIQLEQPCERVGQKKCTCHRPKGKRETWLF SR
 FSTGWSGCLHADWTEL TSCVPSVVDGKRDARLRPSRNFHYITILRDPVSRYLSEWRHVQRGATWKASLHV
 CDGRPPTSEELPSCYTGDWGCPLKEFMDCPYNLANNRQVRMLSDLTLVGCYNLSVMPEKQRNKVLLES
 AKSNLKHMAFFGLTEFQRKTQYLFKFTNMNFI SPFTQYNTTRASSVEINEEIQKRIEGLNFLDMELYSY
 AKDLFLQRYQFMRQKEHQEARRKRQEQRKFLKGRLLQTHFQSQGQGSQNPQNQSQNPQNPANQNLTON
 LMQNLTSLSQKENRESPKQNSGKEQNDNTSNGTNDYIGSVEKWR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_147175
ORF Size:	1815 bp
Buffer:	PBS with 0.001% Pluronic F8372
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_147175.2</u>
RefSeq Size:	4456 bp
RefSeq ORF:	1818 bp
Locus ID:	90161
UniProt ID:	<u>Q96MM7</u>
Cytogenetics:	Xq26.2
MW:	69.1 kDa