

Product datasheet for **RC221494A1V**

Human SUSD5 (NM_015551) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SUSD5 (NM_015551) AAV Particle
Tag:	Myc-DDK
Symbol:	SUSD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221494 representing NM_015551
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACTGCCGAGGGACCCAGCCCGCTGCCGTTGGCACAGACGCTCCCGGGCTCTGGCGCGCGCGC
 TGCTCCTGCTCGGTCTGCCGCGCTTTTCGGTGGCGGCGGATGGAAAGTTCTTTGTGCTGGAGTCTCAGAA
 TGGCTCTCAGGGCTACAACCTGGAGGCTGCTCGCTTTCTGCAAGAGCAGGGCGCTACCTGGCATCT
 GCAGACGAGCTGCGGAGAGTGGTACAGGATTGCTCCTTTGCGGTGTGCACCACTGGCTAGCAGATG
 GTACTCTTGAACAACCTGTGTAGCAAAGGAAGTGGAGAACAGCAAATCATGAGAGCTGTCGATGTGAG
 AATTGAGAGCAACCCAGTTCTGGTGGCACATACAGTGCCTTTGTATTAAGGATGAAGAGAAGCCGTGT
 GGAGACCCGCTTCGTTCCACACACCCTCTGCAGGGCCGACCGGCTTGAAATGGGGATGAAGTGC
 TGTACGTGTGTCCCGAGGCCACATCATGGGCCACCGGAGACCGCTTCACCTTGCTATGTAACAGCTG
 TGGGGAGTGGTACGGCTGGTGCAGGCCTGTGGAAAGATGAGGCTGAGGCACACATTGACTATGAAGAT
 AACTTCCTGATGACAGATCTGTGTCATTACAGAGAGCTCATGGAGGATCCCGGACAGAGGCAGATGAGG
 ACAGGGGTGAGGAGACTCCTCTGAGGAGGCTCCAAAACAGGACCGTCTGGTCTCCATTTCTGTGGGGAG
 AGAAAACATAGCCCGGATAAAGTCTTTGTGCCAACACAGGCTTGCTGGTGTGGGAGCAGTGTCCCC
 GCAGATTCACCAAGGATCACGGCTGCTCCAGAAGCACTTGTCTGGTTTCTGCTGAGGCTTTCCACAAGC
 CTGGGTGGAAAAGGAGGTGGATGATGACACCAAAAAGCAGTTTTCTGCTGGAGACAACCAAGTGGTGT
 AAAATTGGTCCAGGTGAACCTGAAACCAAGGTGATCTACGGCAACACTGATGGTCCCTCGGGGCCATTT
 GTGGGCAAGAATGACAGCAAGGCAGGAGATCCAGTGGTGGCAGCAGTGTGAGTCTGGTTAGATGGCT
 ACCCTGTGACAGAGGGGCTTGAGGAAGACAGAGGCAGAAGAGGAAGAAGATGGGGACAGAGGGGATGG
 GTCAGTAGGGCTGGATGAAAACGTCCTAGTTACTCTGATCAGCCATTCTTGTGGAAGTTAAGAAGCCC
 AAGAGTAGCACCTCACACCAAGCGAGGCGATGACCCATAGTTCAAGTCTTCCATCTCAAATGCTAGATG
 TGAAGCTTTGGCGCTCAGACCCGTGAATGCTTCCGAGACTGAGGGCATTGGGGATGGTACTTGACGAA
 GTACCACTCACTCTACCCTGGAGATTCATCAGAGGAATCTCCATGGCCACCCTGTCTATGAGCTC
 ACCAGTCCACCCTGGAGATTAACAGTGAACACTGTCAAGCAGACACCTAACACATCCCCTCAACGA
 TCATGGCAACCAACCCAGCTCCAGTAGAAACACTGTTCTGAGATCCAGGATAGCTTCCATACCTGCT
 GTCTGAAGACTCTTTGGACAGGAAGGCCCCGGGCCAGGTGCAAGTGAAGAGCTTCATCCACCTGGAG
 TCGTGTGTGGGGACGGATGTCTGGCCTCAGCAGAGGCCCTGTGATCGCCACCATTGTACCGTCTGT
 GCCTACTGCTGCTCCTGGCAGGTGTGGGGATGGTGTGGGGCTACCGCAAGTGCCAGCACAGAGCTCTGT
 GTACAAGCTGAATGTTGGCCAGCGCAGGCTCGGCACTACCACCAGCAGATCGAGATGGAGAAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221494 representing NM_015551
 Red=Cloning site Green=Tags(s)

MTAEGSPPPARWHRRPLGLWAAALLLLGLPRLSVRADGKFFVLESQNGSQGLQLEAARLSCKSRGAHLAS
 ADELRRVVQDCSFVCTTGWLADGTLGTTVCSSKSGEQQIMRAVDVRIESNPVPGGTYSALCIKDEEKPC
 GDPPSFPHTILQGRGTGLEMDELIVCAPGHIMGHRETFTLLCNSCGEYGLVQACGKDEAEAHIDYED
 NFPDDRSVSFRELMEISRTEADEDRGQGSSEAPKQDRLVSIISVGRENIAARDKVFVPTTGLPGAGSSVP
 ADSPGSRLLQKHLFWPAEAFHKPGLEKEVDDTKKQFSAGDNHSGVKLVPEPETKVIYGNNDGPSGPF
 VGKNDKAGDPVVSSDESGLDGYPTGAWRKTEAEEDGDRGDGSGVLDENVLVTDPQIPILVEVKKP
 KSSTLTPSEGTHSSVLPQMLDVEALALRPVNASETEGIGDGLTKYQSTLPWRFITEESPMATLSYEL
 TSSTLEILTNTVKQTPNHPSTIMATTQPPVETTVPEIQDSFPYLLSEDFFGQEGPGPGASEELHPTLE
 SCVGDGCPGLSRGPVIATIVTVLCLLLLLAGVMVWGYRKCQHKSSVYKLVNGQRQARHYHQIEMEKV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_015551
ORF Size:	1887 bp
Buffer:	PBS with 0.001% Pluronic F8346
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_015551.1</u>
RefSeq Size:	5005 bp
RefSeq ORF:	1890 bp
Locus ID:	26032
UniProt ID:	<u>O60279</u>
Cytogenetics:	3p22.3
MW:	67.8 kDa