

Product datasheet for **RC212880A1V**

Human SP8 (NM_182700) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SP8 (NM_182700) AAV Particle
Tag:	Myc-DDK
Symbol:	SP8
Synonyms:	BTD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212880 representing NM_182700
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACTTCACCTTCTAGGGGAAGAACCAGGTTGGGATCGACTCCTCTGGCCATGCTTGCCGCTACCT
 GTAATAAGATAGGCAGCCCCAGCCCGTCTCCCTCCTCCCTCTCGGACAGCTCTTCTTCTTCGGCAAAGG
 CTTCCACCCCTGGAAACGCTCCTCGTCCTCTTCTTCCGCCAGCTGCAACGTAGTGGGTTCCAGTCTCTCA
 AGCTTCGGCGTGTCCGGGGCCTCCAGGAACGGCGGCTCGTCTCGGCGGCTGCGGCGCCGCGGCAGCAG
 CCGCGGCTGCCGCGGCCCTGGTGTCCGACTCGTTCAGCTGCGGCGGCTCGCTGGCTCCAGCGCCTTCTC
 CCTCACCTCCAGCAGCGCCGAGCCGCCGCCGCCGCCGCGCAGCCGCCGCTCCAGCTCGCCCTTCGCC
 AACGACTACTGTTTTTCCAGGCCCCCGGAGTTTCCGGGGGACGCGGCGCGGCGGGGGCGGCGGGC
 GCGGCTCTCCGCGCACTCGCAGGACGGCTCCCACCAGCCGGTTCATCTCCAAGGTGCACACCTGT
 GGACGGGCTGCAGGGCATCTACCCGCGGTTGGCATGGCGCACCCGTACGAGTCGTGGTTAAGCCCTCG
 CACCCGGGCTGGGTGCTGCGGGCGAGGTGGGCTCGGCCGCGCCTCCAGCTGGTGGGAGGTGGGGGCCG
 GCTGGATCGACGTGCAGAACCCGAACAGCGCGGCTGCGCTGCCCGGCTCGCTGCACCCTGCCGCCGGGG
 GCTCAAACCTCGCTGCACTCGCCGCTCGGAGGCTACAACCTCGGATTACTCGGGCCTGAGTCACTCGGCC
 TTCAGCAGCGCGCCTCCTCGCACCTGCTCAGCCCCGCCGGCAGCACCTCATGGACGGCTTCAAGCCAG
 TGCTACCCGGCTCCTACCCGACTCGGCCCCGTGCGCGCTGGCCGGCGCGGGGGGCTCCATGTTGAGCGC
 TGGGCTTCGGCGCCGCTGGGGGGCTCCCCGCGCTCCTCAGCTCGCCGCTACTCCGGCCGCGCCACTGC
 GACTGCCCAACTGCCAGGAGGAGAGCGGCTGGGCCCTGCCGGGGCAGCTTGGCGGCAAGGGCCTGC
 ACAGTGCCACATCCCGGCTGCGGCAAGGTGTACGGCAAGACTTCGCACCTCAAGGCGCACCTGCGCTG
 GCACACGGGCGAGCGGCCCTTCGTGTGCAACTGGCTTTTCTGCGGCAAGCGCTTACGCGCTCCGACGAG
 CTGCAGCGCACCTGCGGACCCACACCGCGAGAAGCGCTTGCCTGTCCAGTTTGAACAAGCGCTTCA
 TGCGCAGCGACCACTCAGCAAGCACGTGAAGACGCACAGTGGCGGCGCGGCGGCGGCTCGGCGGG
 CTCGGGACGCGGCAAGAAGGGCAGCGACACCGACAGCGAGCACAGCGCCGCGGGCAGCCGCCCTGC
 CACTCCCAGAGCTGCTGCAGCCCCCGAGCCCGGCACCGCAACGGCCTAGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MATSLLGEEPRLGSTPLAMLAATCNKIGSPSPSSSLSDSSSSFGKGFHPWKRSSSSSSASCNVVGSSLS
 SFGVSGASRNGSSSSAAAAAAAAAAAAAAAAALVSDSFSCGGSPGSSAFSLTSSSSAAAAAAAAAAASSPFA
 NDYSVFQAPGVSGGGGGGGGGSSAHSQDQSHQPVFISKVHTSVDGLQGIYPRVGMHPYESWFKPS
 HPGLGAAGEVGSAGASSWWDVGAGWIDVQNPNSAAALPGSLHPAAGGLQTSLSPLGGYNSDYSGLSHSA
 FSSGASSHLLSPAGQHLMDGFKPVLPGSYPDSAPSPLAGAGSMLSAGPSAPLGGSPRSSARRYSGRATC
 DCPNCQEAERLGPAGASLRRKGLHSCHIPGCGKYYGKTSHLKAHLRWHTGERPFVCNWLFCGKRFRTRSE
 LQRHLRTHTEKRFACPVCKNRFMRSDHLKSHVKTHSGGGGGGSAGSGSGGKKGSDTDEHSAAGSPPC
 HSPELLQPPEPGHRNGLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182700

ORF Size:

1524 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_182700.2</u>
RefSeq Size:	3670 bp
RefSeq ORF:	1527 bp
Locus ID:	221833
UniProt ID:	<u>Q8IXZ3</u>
Cytogenetics:	7p21.1
MW:	50.3 kDa