

Product datasheet for **RC207602A1V**

Human SP2 transcription factor (SP2) (NM_003110) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SP2 transcription factor (SP2) (NM_003110) AAV Particle
Tag:	Myc-DDK
Symbol:	SP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207602 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTGCCACTGCTGCTGTGAGTCCCAGTGACTACCTGCAGCCTGCCGCTCCACCACCAGGACTCCC
 AGCCATCTCCCTTAGCCCTGCTTGTGCAACATGTAGCAAAATTGGCCCTCCAGCAGTTGAAGCTGCTGT
 GACACCTCCTGCTCCCCACAGCCACACCGCGAAACTTGTCCTATCAAACCTGCCCTCTCCCTCTC
 AGCCCCGGCAAGAATAGCTTTGGAATCTTGCTCCAAAGGAAATATACTTCAGATTGAGGGGTACAAC
 TGAGCGCTCCTATCCTGGAGGGCAGCTGGTGTTCGCTATCCAGAATCCACCATGATCAACAAAGGGAC
 CCGATCAAATGCCAATATCCAGTACCAGGCGGTCCCTCAGATTCAGGCAAGCAATTCCCAAACCATCAA
 GTACAGCCCAATCTACCAACCAGATCCAGATCATCCCTGGCACCAACCAAGCCATCATACCCCTCAC
 CGTCCAGTACAAGCCTGTCCCATCAAGCCAGCCCCATCCAGAAGTCGAGTACGACCACCCCCCGT
 GCAGAGCGGGCCAATGTGGTGAAGTTGACAGGTGGGGCGGCAATGTGACGCTACTCTGCCGTCAAC
 AACCTCGTGAACGCCAGTGACACCGGGGCCCTACTCAGCTCCTCACTGAAAGCCCCCAACCCACTGT
 CTAAGACTAACAAGAAAGCAAGGAAGAAGAGCCTTCTGCCTCCAGCCCCCTGTGGCTGTGGCTGAGCA
 GGTGGAGACGGTGCTGATCGAGACCACCGCGGACAACATCATCCAGGCAGGAAATAACCTGCTATTGTT
 CAGAGCCCTGGTGGGGCCAGCCAGCTGTGGTCCAGCAGGTCCAGGTGGTGGCCCCCAAGGCCGAGCAGC
 AGCAGGTGGTACAGATCCCCAGCAGGCTCTGCGGGTGGTGCAGGCGGCATCTGCCACCTCCCACTGT
 ACCCCAGAAGCCCTCCAGAACCTTCAGATCCAGGCAGCTGAGCCGACACCTACTCAGGTCTACATCCGC
 ACGCCTTCCGGTGAGGTGCAGACAGTCTTGTCCAGGACAGCCCCAGCAACAGCTGCAGCCACCTCTA
 ACACCACCTGTAGCAGCCTGCATCCCGTCTCCCATCTGAGTGGGACCAGCAAAAGCACTCAGCTGC
 AATTCTCCGAAAAGAGCGTCCCTGCCAAAGATTGCCCCAGCCGGGAGCATCATCAGCCTGAATGCAGCC
 CAGTTGGCGGCAGCTGCCAGGCAATGCAGACCATCAACATCAATGGTGTCCAGGTCCAGGGCGTGCCTG
 TCACCATCACCAACACAGGCGGGCAGCAGCAGCTGACAGTGCAGAATGTTTCTGGGAACAACCTGACCAT
 CAGTGGGCTGAGCCCCACCCAGATCCAGCTGCAATGGAACAAGCCCTGGCCGGAGAGCCAGCCCGGG
 GAGAAGCGGCGCCGATGGCCTGCACGTGTCCCACTGCAAGGATGGGAGAAGAGGTCTGGAGAGCAGG
 GCAAGAAGAAGCAGTTTGCCACATCCCGACTGTGGCAAGACGTTCCGTAAGACGTCTTGTGCGTGC
 CCATGTGCGCTGCACACTGGCAGCGGCCCTTTGTCTGCAACTGTTTCTGTGGGAAGAGGTTCA
 CGGAGTGACGAGCTCAACGGCATGCTCGCACCCACACAGGGGACAAACGCTTCGAGTGCGCCCAGTGTC
 AGAAGCGCTTCATGAGGAGTGACCACCTACCAAGCATTACAAGACCCACCTGGTCACGAAGAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207602 protein sequence
 Red=Cloning site Green=Tags(s)

MAATAAVSPSDYLQPAASTTQDSQPSPLALLAATCSKIGPPAVEAAVTPPAPPQPTPRKLVPIKPAPLPL
 SPGKNSFGILSSKGNILQIQGSQLSASYPGGQLVFAIQNPTMINKGTRSNANIQYQAVPQIQASNSQTIQ
 VQPNLTNQIQIIPGTNQAIITPSSSHKVPVPIKPAPIQKSSTTTTPVQSGANVVKLTGGGNNVLTLPVN
 NLVNASDTGAPTQLLTPSPPTPLSKTNKKARKKSLPASQPPVAVAEQVETVL IETTADNIIQAGNNLLIV
 QSPGGGQPAVVQQVQVPPKAEQQQVVQIPQQALRVVQAASATLPTVPQKPSQNFQIQAAEPTPTQVYIR
 TPSGEVQTVLVQDSPPATAAATSNITCSPASRAPHLSGTSKKHSAAILRKERPLPKIAPAGSIISLNAA
 QLAAAAQAMQTININGVQVQVPVTITNTGGQQQLTVQNVSGNNLTISGLSPTQIQLQMEQALAGETQPG
 EKRRRMACTCPNCKDGEKRSGEQGGKKHVCHIPDCGKTRKTSLLRAHVRLHTGERPFVCNWFECGKRFT
 RSDQLQRHARTHTGDKRFECACQKRFMRSDHLTKHYKTHLVTKNL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003110
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F6100
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_003110.5, NP_003101.3</u>
RefSeq Size:	3132 bp
RefSeq ORF:	1842 bp
Locus ID:	6668
UniProt ID:	<u>Q02086</u>
Cytogenetics:	17q21.32
MW:	64.2 kDa