

Product datasheet for **RC207602**

SP2 transcription factor (SP2) (NM_003110) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SP2 transcription factor (SP2) (NM_003110) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SP2 transcription factor
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCCACTGCTGCTGTGAGTCCCAGTACTACCTGCAGCCTGCCGCCTCCACCACCCAGGACTCCC
 AGCCATCTCCCTTAGCCCTGCTTGTGCAACATGTAGCAAAATTGGCCCTCCAGCAGTTGAAGCTGCTGT
 GACACCTCCTGCTCCCCACAGCCACACCCGCGAAACTTGTCCCTATCAAACTGCCCTCTCCCTCTC
 AGCCCCGCAAGAATAGCTTTGGAATCTTGTCTCCAAAGGAAATATACTTCAGATTGAGGGTCAACAAC
 TGAGCGCCTCCTATCCTGGAGGGCAGCTGGTGTTCGCTATCCAGAATCCCACCATGATCAACAAAGGGAC
 CCGATCAAATGCCAATATCCAGTACCAGGCGGTCCCTCAGATTCAGGCAAGCAATCCCAAACCATCCAA
 GTACAGCCCAATCTACCAACCAGATCCAGATCATCCCTGGCACCACCAAGCCATCATCCCCCTCAC
 CGTCCAGTACAAGCCTGTCCCATCAAGCCAGCCCCATCCAGAAGTCGAGTACGACCACCCCCCGT
 GCAGAGCGGGCCAATGTGGTGAAGTTGACAGGTGGGGCGGCAATGTGACGCTCACTCTGCCCGTCAAC
 AACCTCGTGAACGCCAGTGACACCGGGGCCCTACTCAGCTCCTCACTGAAAGCCCCCAACCCACTGT
 CTAAGACTAACAAGAAAGCAAGGAAGAAGGCCTTCTGCCTCCAGCCCCCTGTGGCTGTGGCTGAGCA
 GGTGGAGACGGTCTGATCGAGACCACCGCGACAACATCATCCAGGCAGGAAATAACCTGCTATTGTT
 CAGAGCCTGGTGGGGCCAGCCAGCTGTGGTCCAGCAGGTCCAGGTGGTCCCCCAAGGCCGAGCAGC
 AGCAGGTGGTACAGATCCCCAGCAGGCTTGCAGGTGGTGCAGGCGGCATCTGCCACCTCCCACTGT
 ACCCCAGAAGCCCTCCAGAACTTTCAGATCCAGGCAGCTGAGCCGACACCTACTCAGGTCTACATCCGC
 ACGCCTTCCGGTGAGGTGCAGACAGTCTTGTCCAGGACAGCCCCCAGCAACAGCTGCAGCCACCTCTA
 ACACCCTGTAGCAGCCCTGCATCCCCTGCTCCCCATCTGAGTGGGACCAGCAAAAAGCACTCAGTGC
 AATTCTCCGAAAAGAGCGTCCCCTGCCAAAGATTGCCCCAGCCGGGAGCATCATCAGCCTGAATGCAGCC
 CAGTTGGCGGACGCTGCCAGGCAATGCAGACCATCAACATCAATGGTGTCCAGGTCCAGGGCGTGCCTG
 TCACCATCAACAACACAGGCGGGCAGCAGCAGCTGACAGTGCAGAATGTTTCTGGGAACAACCTGACCAT
 CAGTGGGCTGAGCCCCACCCAGATCCAGCTGCAAAATGGAACAAGCCCTGGCCGGAGAGCCAGCCCGGG
 GAGAAGCGGCGCCGATGGCCTGCAGTGTCCCAACTGCAAGGATGGGGAGAAGAGGTCTGGAGAGCAGG
 GCAAGAAGAAGCACGTTTCCACATCCCCGACTGTGGCAAGACGTTCCGTAAAGACGCTCTGTGCGTGC
 CCATGTGCGCTGCACACTGGCAGCGGCCCTTGTCTGCAACTGTTCTTCTGTGGGAAGAGGTTCA
 CGGAGTGACGAGCTCAAACGGCATGCTCGCACCCACACAGGGGACAAACGCTTCGAGTGCGCCAGTGT
 AGAAGCGCTTCATGAGGAGTGACCACCTACCAAGCATTACAAGACCCACCTGGTACGAAGAAGCTTG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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

MAATAAVSPSDYLQPAASTTQDSQPSPLALLAATCSKIGPPAVEAAVTPAPPQTPRKLVIKPAPLPL
 SPGKNSFGILSSKGNILQIQGSQLSASYPGQLVFAIQNPTMINKGTRSNANIYQAVPQIQASNSQTIQ
 VQPNLTNQIQIIPGTNQAIITPSPSSHKVPVPIKPAPIQKSSTTTTVPVQSGANVVKLTTGGGNVTLTPVN
 NLVNASDTGAPTQLL TESPTPLSKTNKKARKKSLPASQPPVAVAEQVETVLIETTADNIIQAGNLLIV
 QSPGGGQPAVVQVQVPPKAEQQVQVQIPQALRVVQAAATLPTVPQKPSQNFQIAAEPTPTQVYIR
 TPSGEVQTVLVQDSPPATAAATSNITCSPASRAPHLSGTSKKHSAAILRKERPLPKIAPAGSIIISLNA
 QLAAAAQAMQITININGVQVQVPTITNTGGQQQLTVQNVSGNNLTISGLSPTQIQIQMEQALAGETQPG
 EKRRRMACTCPNCKDGEKRSGEQKQKHHVCHIPDCGKTRKTSLLRAHVRLHTGERPFVFNWFFCGKRFT
 RSEDLQRHARTHTGDKRFECACQKRFMRSDHLTKHYKTHLVTKNL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6832_b01.zip

UniProt ID: [Q02086](#)

Cytogenetics: 17q21.32

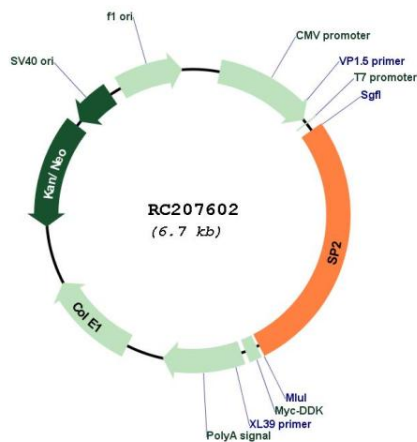
Domains: zf-C2H2

Protein Families: Transcription Factors

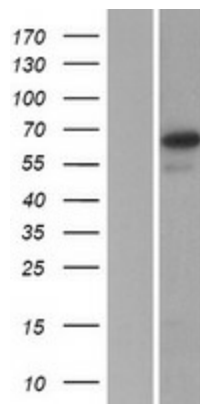
MW: 64.2 kDa

Gene Summary: This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC207602



Western blot validation of overexpression lysate (Cat# [LY418896]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207602 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).