

Product datasheet for **RC230315**

SSX2IP (NM_001166295) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX2IP (NM_001166295) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SSX2IP
Synonyms:	ADIP; hMsd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC230315 representing NM_001166295
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATCAAGTTTATACTCACAGCAAGTGTATGTTCTTCAATACCTTTATCGAAAAATGTGCACA
 GTTTTTTCAGTGCTTCTGCACAGAAGATAATATTGAACAGAGTATCTCATATCTTGATCAGGAATTGAC
 TACTTTTGGTTTTCTTCAATATATGAAGAATCCAAAGGTAAGAGACAAAGAGAGAGTTAAATATAGTA
 GCTGTAATAAATGATGAATGAGCTGCTTGTGCTTCAGCGGAAGAACCTTCTAGCTCAGAAAAATGTGG
 AGACACAGAATTTGAAGCTGGGAAGTATGGACCATCTACAGAGCTGCTACTCAAACCTAAGGAACA
 ACTGAAACCTCCAGGAGGAAATGATTGGCTTCAGGAAAGAGACAGACAGTTACAATGTAAGAACAGG
 AATTTGCATCAGCTACTAAAGAATGAGAAAGATGAGGTGCAAAAATACAAAATACATTGCAAGTCGAG
 CTACTCAGTATAATCATGATATGAAGAGAAAAGAGCGTGAATATAATAAACTGAAGGAACGCTACATCA
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 ATGATTATGAATATCGTCAGAAACAAATCCTAATGGAAAATGCAGAACTTAAAGAGGTTCTTCAACAAAT
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 AAGCCTCACAGTGTCTAATGGGTCTCCAGTTTGCATGTCTAACTTACTAAATCTCTTCTGCTTCCAC
 CTTCCACTTCAGACTTTTCCAGACACGTTCTGCATATCTGAACATAGTTCAATCAATGTACTGAATAT
 AACTGCTGAAGAAATTAACCAATCAGGTTGGAGGAGAATGTACAAATCAAAAATGGAGTGTGGCATCA
 AGACCTGGATCACAGGAAGTTGCTATAGTGGATGCTCCTTGAGCTACACAAATCTCATGTAGAAAAAG
 ATGACTTACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230315 representing NM_001166295
 Red=Cloning site Green=Tags(s)

MSPSSLYSQVLCSSIPLSKNVHSFFSAFCTEDNIEQSI SYLDQELTTFGFPSLYEESKGGKTKRELNIV
 AVLNCMNELLVLQRKNLLAQENVETQNLKLGSDMDHLQSCYSKLEQLETSRREMIGLQERDRQLQCKNR
 NLHQLLKNEKDEVQKLQNI IASRATQYNHDMKRKEREYNKLERLHQLVMNKKDKKIAMDILNLYVGRADG
 KRGSWRTGKTEARNEDEMYKILLNDYEYRQKQILMENAELKKVLQMKKEMISLLSPQKKKPRERVDST
 GTVISDVEEDAGEL SRESMWDLSCE TVREQL TNSIRKQWRILKSHVEKLDNQVSKVHLEGFNDEDVSRQ
 DHEQETEKLELEIQCKEMIKTQQQLLQQQLATAYDDDTSLLRDCYLLEEKERLKEEWSLFKEQKKNFE
 RERRSFTEAAIRLGLERKAFFEEERASWLKQQLNMTTFDHQNSENVKLFSAFSGSSDWDNLIVHSRQPQK
 KPHSVSNGSPVMSKLTSLPASPSTSDFCQTRSCISEHSSINVLNITAEIKNPQVGGECTNQKWSVAS
 RPSQEGCYSGCSLSYTN SHVEKDDL P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

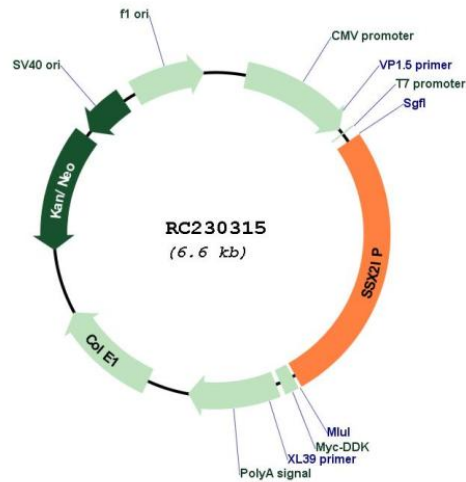
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001166295

ORF Size: 1761 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001166295.1 , NP_001159767.1
RefSeq Size:	5843 bp
RefSeq ORF:	1764 bp
Locus ID:	117178
UniProt ID:	Q9Y2D8
Cytogenetics:	1p22.3
Protein Pathways:	Adherens junction
MW:	68.3 kDa
Gene Summary:	This gene encodes a protein that binds the cancer-testis antigen Synovial Sarcoma X breakpoint 2 protein. The encoded protein may regulate the activity of Synovial Sarcoma X breakpoint 2 protein in malignant cells. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 3. [provided by RefSeq, Oct 2009]