

## Product datasheet for **RC230316**

### SSX2IP (NM\_001166294) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SSX2IP (NM_001166294) 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



[View online »](#)

**ORF Nucleotide Sequence:**

>RC230316 representing NM\_001166294  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTCATCAAGTTTATACTCACAGCAAGTGTATGTTCTTCAATACCTTTATCGAAAAATGTGCACA  
 GTTTTTTCAGTGCTTCTGCACAGAAGATAATATTGAACAGAGTATCTCATATCTTGATCAGGAATTGAC  
 TACTTTTGGTTTTCTTCATTATATGAAGAATCCAAAGGTAAGAGACAAAGAGAGAGTTAAATATAGTA  
 GCTGTAATAAATGTATGAATGAGCTGCTTGTGCTTCAGCGGAAGAACCTTCTAGCTCAGAAAAATGTGG  
 AGACACAGAATTTGAAGCTGGGAAGTATGGACCATCTACAGAGCTGCTACTCAAACCTTAAGGAACA  
 ACTGGAACCTCCAGGAGGAAATGATTGGCTTCAGGAAAGAGACAGACAGTTACAATGTAAGAACAGG  
 AATTTGCATCAGCTACTAAAGAATGAGAAAGATGAGGTGCAAAAATTACAAAATATCATTGCAAGTCGAG  
 CTACTCAGTATAATCATGATATGAAGAGAAAAGAGCGTGAATATAATAAACTGAAGGAACGCTACATCA  
 ACTTGTTATGAACAAGAAAGATAAGAAAATAGCTATGGACATTTTGAATTATGTCGGGAGAGCTGATGGA  
 AAAAGAGGCTCCTGGAGGACTGGTAAAACCTGAAGCCAGGAATGAAGATGAAATGTATAAAATTTCTTTGA  
 ATGATTATGAATATCGTCAGAAACAAATCCTAATGGAAAATGCAGAACTTAAGAAGGTTCTTCAACAAAT  
 GAAAAAGGAAATGATTTCTTTCTTTCTCCCAAAAAGAAGAAACCTAGAGAAAAGAGTAGATAGTACAG  
 GAACTGTTATTTCCGATGTTGAAGAAGATGCCGGGAACTAAGCAGAGAGAGTATGTGGGACCTTTCTT  
 GTGAACTGTGAGAGAGCAGCTTACAAACAGCATCAGAAAACAGTGGAGAATTTTGAAGTCATGTAGA  
 AAAGCTTGATAACCAAGTTTCAAAGGTACACCTGGAAGTTTTAATGATGAAGATGTAATCTCACGACAA  
 GACCATGAACAAGAACTGAAAACTCGAGTTAGAAAATTCAGCAGTGAAGAAATGATTAACAACTCAGC  
 AACAGCTTTTACAGCAGCAGCTCGTACTGCATATGATGATGATACCACCTTCACTATTACGAGACTGTTA  
 TTTGTTGGAAGAAAAGGAACGTCTCAAAGAAGAATGGTCCCTTTTTAAAGAGCAGAAAAAGAATTTTGAG  
 AGGGAGAGACGAAGCTTTACAGAAGCCGCTATTCGCTGGGATTGGAGAGAAAGGCATTTGAAGAAGAAA  
 GAGCCAGTTGGTTAAAGCAGCAGTTTCTAAATATGACTACCTTTGACCACCAGAACTCAGAAAATGTGAA  
 ACTTTTTCAGTGCCTTCTCAGGAAGTTCTGATTGGGACAATCTTATAGTGCCTCGAGGCAGCCGCAAAAAG  
 AAGCCTCACAGTGTGTCTAATGGGTCTCCAGTTTGCATGTCTAACTTACTAAATCTCTTCTGCTTAC  
 CTTCCACTTCAGACTTTTCCAGACACGTTCTGCATATCTGAACATAGTTCAATCAATGTACTGAATAT  
 AACTGCTGAAGAAATTAACCAATCAGGTTGGAGGAGAATGTACAAATCAAAAATGGAGTGTGGCATCA  
 AGACCTGGATCACAGGAAGTTGCTATAGTGGATGCTCCTTGAGCTACACAAATCTCATGTAGAAAAAG  
 ATGACTTACCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC230316 representing NM\_001166294  
 Red=Cloning site Green=Tags(s)

MSPSSLYSQVLCSSIPLSKNVHSFFSAFCTEDNIEQSI SYLDQELTTFGFPSLYEESKGGKTKRELNIV  
 AVLNCMNELLVLRKNLLAQENVETQNLKLGSDMDHLQSCYSKLEKELETSRREMIQLQERDRQLQCKNR  
 NLHQLLKNEKDEVQKLQNI IASRATQYNHDMKRKEREYNKLERLHQLVMNKKDKKIAMDILNLYVGRADG  
 KRGSWRTGKTEARNEDEMYKILLNDYEYRQKQILMENAELKKVLQMKKEMISLLSPQKKKPRERVDST  
 GTVISDVEEDAGEL SRESMWDLSCE TVREQL TNSIRKQWRILKSHVEKLDNQVSKVHLEGFNDEDVSRQ  
 DHEQETEKLELEIQCKEMIKTQQQLLQQQLATAYDDDTSLLRDCYLLEEKERLKEEWSLFKEQKKNFE  
 RERRSFTEAAIRLGLERKAFFEEERASWLKQQLNMTTFDHQNSENVKLFSAFSGSSDWDNLIVHSRQPQK  
 KPHSVSNGSPVMSKLTSLPASPSTSDFCQTRSCISEHSSINVLNITAEIKNPQVGGECTNQKWSVAS  
 RPSQEGCYSGLSYTNSHVEKDDL

**TRTRP**LEQKLISEEDLAANDILDYKDDDDKV

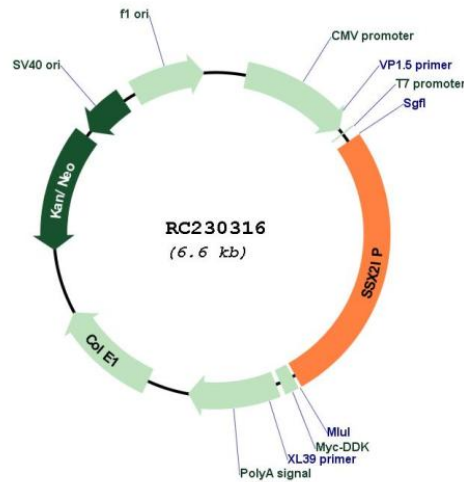
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001166294

ORF Size: 1761 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001166294.2</a>
<b>RefSeq Size:</b>	5715 bp
<b>RefSeq ORF:</b>	1764 bp
<b>Locus ID:</b>	117178
<b>UniProt ID:</b>	<a href="#">Q9Y2D8</a>
<b>Cytogenetics:</b>	1p22.3
<b>Protein Pathways:</b>	Adherens junction
<b>MW:</b>	68.3 kDa
<b>Gene Summary:</b>	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]