

Product datasheet for **RC230350**

SSX2IP (NM_001166293) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX2IP (NM_001166293) 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:

>RC230350 representing NM_001166293
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGATTGGATGACTGTTACAGATCCAGTCTGTCTTCAGAAAGCAAACACTATCTCTCAATATACCT
 CAGAAACAAAGATGTCTCCATCAAGTTTATACTCACAGCAAGTGCTATGTTCTTCAATACCTTTATCGAA
 AAATGTGCACAGTTTTTTCAGTGCCTTCTGCACAGAAGATAATATTGAACAGAGTATCTCATATCTTGAT
 CAGGAATTGACTACTTTTTGGTTTTCTTCATTATATGAAGAATCCAAAGGTAAAGAGACAAAGAGAGAGT
 TAAATATAGTAGCTGACTAAATTTGATGAATGAGCTGCTTGTGCTTCAGCGGAAGAACCTTCTAGCTCA
 GGAAAATGTGGAGACACAGAATTTGAAGCTGGGAAGTGATATGGACCATCTACAGAGCTGCTACTCAAAA
 CTTAAGGAACAACCTGGAAACCTCCAGGAGGAAATGATTGGGCTTCAGGAAAGAGACAGACAGTTACAAT
 GTAAGAACAGGAATTTGCATCAGCTACTAAGAATGAGAAAGATGAGGTGCAAAAATTACAAAATATCAT
 TGCAAGTCGAGCTACTCAGTATAATCATGATATGAAGAGAAAAGAGCGTGAATATAATAAAGTGAAGGAA
 CGTCTACATCAACTTGTTATGAACAAGAAAGATAAGAAAATAGCTATGGACATTTTGAATTATGTCGGGA
 GAGCTGATGGA AAAAGAGGCTCCTGGAGGACTGGTAAAACCTGAAGCCAGGAATGAAGATGAATGTATAA
 AATTCTCTTGAATGATTATGAATATCGTCAGAAACAAATCCTAATGGAAAATGCAGAACCTAAGAAGGTT
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 GAAAATGTGAACTTTTCAGTGCCTTCTCAGGAAGTTCTGATTGGGACAATCTTATAGTGCCTCGAGGC
 AGCCGCAAAAAGAGCCTCACAGTGTGTCTAATGGGTCTCCAGTTGCATGTCTAACTTACTAAATCTCT
 TCCTGCTTCACTTCCACTTCACTTTTCCAGACTTTTCCAGACACGTTCTGCATATCTGAACATAGTTCAATCAAT
 GTACTGAATATAACTGCTGAAGAAATTAACCAAAATCAGGTTGGAGGAGAATGTACAATCAAAAATGGA
 GTGTGGCGTCAAGACCTGGATCACAGGAAGGTTGCTATAGTGGATGCTCCTTGAGCTACACAAATCTCA
 TGTAGAAAAGATGACTTACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230350 representing NM_001166293
 Red=Cloning site Green=Tags(s)

MGDWMVTDPGLSSESKTISQYTSETKMSPSSLYSQVLCSSIPLSKNVHSHFFSAFCTEDNIEQSI SYLD
 QELTTFGFPSLYEESKGKETKRELNIVAVLNCMNELLVLQRKNLLAQENVETQNLKLGSDMDHLQSCYSK
 LKEQLETSRREMIQLQERDRQLQCKNRNLHQLLKNKDEVQKLQNIASRATQYNHDMKRKEREYNLKE
 RLHQLVMNKKDKKIAMDILNYVGRADGKRGSWRTGKTEARNEDEMYKILLNDYEQKQILMENAELKKV
 LQQMKKEMISLLSPQKKKPRERVDSTGTVISDVEEDAGELSRESMWDLSCEVREQLTNSIRKQWRILK
 SHVEKLDNQVSKVHLEGFNDEDVISRQDHEQETEKLELEIQQCKEMIKTQQQLLQQQLATAYDDDTSSL
 RDCYLLLEEKERLKEEWSLFKEQKKNFERERRSFTEAAILGLERKAFEEERASWLKQQLNMTTFDHQNS
 ENVKLFSAFSGSSDWDNLIVHSRQPQKPHSVSNGSPVCM SKLTKSLPASPSTSDFCQTRSCISEHSSIN
 VLNITAEIIPNQVGGECTNQKWSVASRPGSQEGCYSGCSLSYTNHVEKDDL P

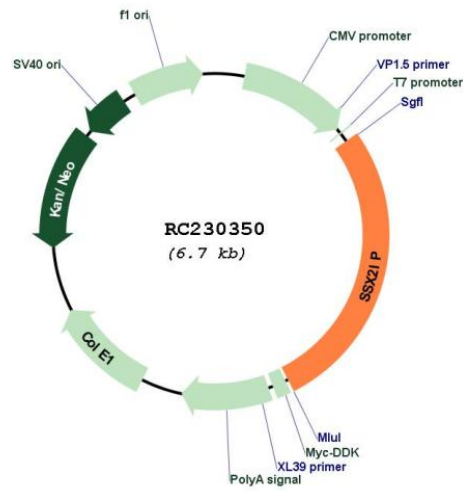
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001166293

ORF Size: 1842 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_001166293.1 , NP_001159765.1
RefSeq ORF:	1845 bp
Locus ID:	117178
UniProt ID:	Q9Y2D8
Cytogenetics:	1p22.3
Protein Pathways:	Adherens junction
MW:	71.7 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]