

## Product datasheet for **SC328954**

### SSX2IP (NM\_001166294) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SSX2IP (NM_001166294) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSX2IP
Synonyms:	ADIP; hMsd1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Fully Sequenced ORF:</b>	>NCBI ORF sequence for NM_001166294, the custom clone sequence may differ by one or more nucleotides ATGTCTCCATCAAGTTTATACTCACAGCAAGTGCATATGTTCTTCAATACCTTTATCGAAA AATGTGCACAGTTTTTTCAGTGCCTTCTGCACAGAAGATAATATTGAACAGAGTATCTCA TATCTTGATCAGGAATTGACTACTTTTGGTTTTCTTCATTATATGAAGAATCCAAGGT AAAGAGACAAAGAGAGAGTAAATATAGTAGCTGTACTAAATTGTATGAATGAGTGCTT GTGCTTCAGCGGAAGAACCTTCTAGCTCAGGAAAATGTGGAGACACAGAATTTGAAGCTG GGAAGTGATATGGACCATCTACAGAGCTGCTACTCAAACTTAAGGAACAACCTGGAAACC TCCAGGAGGAAAATGATTGGCTTCAGGAAAGAGACAGACAGTTACAATGTAAGAACAGG AATTTGCATCAGCTACTAAAGAATGAGAAAAGATGAGGTGCAAAAATTACAAAATATCATT GCAAGTCGAGCTACTCAGTATAATCATGATATGAAGAGAAAAGAGCGTGAATATAATAAA CTGAAGGAACGTCTACATCAACTTGTATGAACAAGAAAAGATAAGAAAATAGCTATGGAC ATTTTGAATTATGTCGGGAGAGCTGATGGAAAAGAGGCTCCTGGAGGACTGGTAAAAC GAAGCCAGGAATGAAGATGAAATGTATAAAATTCTCTTGAATGATTATGAATATCGTCAG AAACAAATCCTAATGGAAAATGCAGAACCTTAAGAAGGTTCTTCAACAAATGAAAAAGGAA ATGATTTCTCTTTCTCCCAAAAGAAGAAACCTAGAGAAAAGAGTAGATGATAGTACA GGAAGTGTATTTCCGATGTTGAAGAAGATGCCGGGAACTAAGCAGAGAGAGTATGTGG GACCTTTCCTGTGAACTGTGAGAGAGCAGCTTACAAACAGCATCAGAAAACAGTGGAGA ATTTTGAAAAGTCATGTAGAAAAGCTTGATAACCAAGTTTCAAAGGTACACCTGGAAGGT TTAATGATGAAGATGTAATCTCACGACAAGACCATGAACAAGAAAACGAAAACTCGAG TTAGAAATTCAGCAGTGTAAAGAAATGATTAAGAACTCAGCAACAGCTTTTACAGCAGCAG CTCGCTACTGCATATGATGATGATACCATTCACTATTACGAGACTGTTATTTGTTGGAA GAAAAGGAACGTCTCAAAGAAGAAATGGTCCCTTTTTAAAGAGCAGAAAAAGAATTTTGAG AGGGAGAGACGAAGCTTTACAGAAGCCGCTATTGCGCTGGGATTGGAGAGAAAGGCATTT GAAGAAGAAAGAGCCAGTTGGTTAAAGCAGCAGTTTCTAAATATGACTACCTTTGACCAC CAGAACTCAGAAAATGTGAACTTTTTCAGTGCCTTCTCAGGAAGTTCTGATTGGGACAAT CTTATAGTGCCTCGAGGAGCCGCAAAAGAAGCCTCACAGTGTGTCTAATGGGTCTCCA GTTTGCATGTCTAACTTACTAAATCTCTTCTGCTTCCACTTCCACTTCCAGACTTTTGC CAGACACGTTCTGCATATCTGAACATAGTTCAATCAATGTAAGTAAATAACTGCTGAA GAAATTAACCAATCAGGTTGGAGGAGAATGTACAAATCAAAAATGGAGTGTGGCATCA AGACCTGGATCACAGGAAGGTTGCTATAGTGGATGCTCCTTGAGCTACACAAATCTCAT GTAGAAAAGATGACTTACCTTAG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001166294
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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).

**Reconstitution Method:**

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\\_001166294.1](#), [NP\\_001159766.1](#)

**RefSeq Size:** 5715 bp

**RefSeq ORF:** 1764 bp

**Locus ID:** 117178

**UniProt ID:** [Q9Y2D8](#)

**Cytogenetics:** 1p22.3

**Protein Pathways:** Adherens junction

**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]

Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus than isoform 1. Both variants 3 and 4 encode the same isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.