

Product datasheet for **SC328988**

SSX2IP (NM_001166293) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX2IP (NM_001166293) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSX2IP
Synonyms:	ADIP; hMsd1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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- Fully Sequenced ORF:** >NCBI ORF sequence for NM_001166293, the custom clone sequence may differ by one or more nucleotides
 ATGGGAGATTGGATGACTGTTACAGATCCAGGTCTGTCTTCAGAAAGCAAACTATCTCT
 CAATATACCTCAGAAACAAAGATGTCTCCATCAAGTTTATACTCACAGCAAGTGCTATGT
 TCTTCAATACCTTTATCGAAAAATGTGCACAGTTTTTTCAGTGCCTTCTGCACAGAAGAT
 AATATTGAACAGAGTATCTCATATCTTGATCAGGAATTGACTACTTTTGGTTTTCTTCA
 TTATATGAAGAATCCAAAGGTAAAGAGACAAAGAGAGAGTTAAATATAGTAGCTGTA
 AATTGTATGAATGAGCTGCTTGTCTTCAGCGGAAGAACCTTCTAGCTCAGGAAAATGTG
 GAGACACAGAATTTGAAGCTGGGAAGTGATATGGACCATCTACAGAGCTGCTACTCAAAA
 CTTAAGGAACAACCTGAAACCTCCAGGAGGAAAATGATTGGGCTTCAGGAAAGAGACAGA
 CAGTTACAATGTAAGAACAGGAATTTGCATCAGCTACTAAAGAATGAGAAAGATGAGGTG
 CAAAAATTACAAAATATCATTGCAAGTCGAGCTACTCAGTATAATCATGATATGAAGAGA
 AAAGAGCGTGAATATAATAAAGTGAAGGAACGTCTACATCAACTTGTATGAACAAGAAA
 GATAAGAAAATAGCTATGGACATTTTGAATTATGTGGGAGAGCTGATGGAAGAAAGAGGC
 TCCTGGAGGACTGGTAAAAGTGAAGCCAGGAATGAAGATGAAATGTATAAAATTTCTTTG
 AATGATTATGAATATCGTCAGAAACAAATCCTAATGGAAGAAATGCAGAACCTAAGAAGGTT
 CTTCAACAAATGAAAAGGAAATGATTTCTTTCTTTCTCCCAAAAAGAAGAAACCTAGA
 GAAAGAGTAGATAGTACAGGAACTGTTATTTCCGATGTTGAAGAAGATGCCGGGGAA
 CTAAGCAGAGAGAGTATGTGGGACCTTTCTGTGAAACTGTGAGAGAGCAGCTTACAAAC
 AGCATCAGAAAACAGTGGAGAATTTTGAAGTGCATGTAGAAAAGCTTGATAACCAAGTT
 TCAAAGGTACACCTGGAAGGTTTTAATGATGAAGATGTAATCTCACGACAAGACCATGAA
 CAAGAACTGAAAACCTCGAGTTAGAAAATTCAGCAGTGTAAAGAAATGATTAACCACTCAG
 CAACAGCTTTTACAGCAGCAGCTCGCTACTGCATATGATGATGATACCACCTTCACTATTA
 CGAGACTGTTATTTGTTGGAAGAAAAGGAACGTCTCAAAGAAGAATGGTCCCTTTTTAAA
 GAGCAGAAAAAGAATTTTGAAGGGAGAGACGAAGCTTTACAGAAGCCGCTATTTCGCTG
 GGATTGGAGAGAAAGGCATTTGAAGAAGAAAGACCAGTTGGTTAAAGCAGCAGTTTCTA
 AATATGACTACCTTTGACCACCAGAACTCAGAAAATGTGAAACTTTTTCAGTGCCTTCTCA
 GGAAGTTCTGATTGGGACAATCTTATAGTGCACCTCGAGGCAGCCGCAAAAAGAGCCTCAC
 AGTGTGTCTAATGGGTCTCCAGTTTGCATGTCTAACTTACTAAATCTCTCCTGCTTCA
 CCTTCCACTTCAGACTTTTGCCAGACACGTTTCTGCATATCTGAACATAGTTCAATCAAT
 GTACTGAATATAACTGCTGAAGAAATTAACCAAAATCAGGTTGGAGGAGAATGTACAAT
 CAAAAATGGAGTGTGGCATCAAGACCTGGATCACAGGAAGGTTGCTATAGTGGATGCTCC
 TTGAGCTACACAAATTTCTCATGTAGAAAAGATGACTTACCTTAG
- Restriction Sites:** Please inquire
- ACCN:** NM_001166293
- OTI Disclaimer:** 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).
- OTI Annotation:** 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.
- 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:

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 Size: 5847 bp

RefSeq ORF: 1845 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 (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2 and 5 encode the same isoform (1). 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.