

Product datasheet for **SC122901**

SSX5 (NM_021015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX5 (NM_021015) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSX5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_021015 edited

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ACAGAGTGCTCCCGGTGCCATGAACGGAGACGATGCCTTTGTACGGAGACCTAGGGTTGG
TTCTCAAATACCACAGAAGATGCAAAAGCATCCCTGGAGACAAGTCTGTGACCGTGAAT
ACATTTGGTGAATCTCAGTCCGTTCTGGAAGGTGGGAAGAGAGCCAGCCAGCAGCATTAA
AGCTCTACTGTGTGGCAGGGGAGAAGCTAGGGCCTTCGATGATATTGCCAAATACTTCTC
TGAGAAAGAGTGGGAAAAGATGAAAGCCTCGGAGAAAATCATCTATGTGTATATGAAGAG
AAAGTATGAGGCCATGACTAAACTAGGTTTCAAGGCCACCCTCCCACCTTTCATGCGTAA
TAAACGGGTCGCAGACTTCCAGGGGAATGATTTTGATAATGACCCTAACCGTGGGAATCA
GGTTGAACATCCTCAGATGACTTTCGGCAGGCTCCAGGGAATCTCCCGAAGATCACGCC
CGAGAAGCCAGCAGAGGAAGGAAATGATTCAAAGGGAGTGCCAGAAGCATCTGGCCCACA
GAACAATGGGAAACAGCTGCGCCCCTCAGGAAAACCTAAATACCTCTGAGAAGGTTAACAA
GACATCTGGACCCAAAAGGGGAAACATGCCTGGACCCACAGAGTGCCTGAGAGAAAAGCA
ACTGGTGATTTATGAAGAGATCAGCGACCCTCAGGAAGATGACGAGTAACTCCCCTCGGG
GATATGACACATGCCATGATGAGAAGCAGAACGTGGTGACCTTTCACGAACATGGGCAT
GGCTGCGGATCCCTCGTCATCAGGTGTATAGCAAGTGAAGCAAGTGTTCAACAGTGA
AAAGTTGAGCGTCATTTTTCTTAGTGTGCCAAGAGTTCGATGTTAGTGTCTGTGTAT
TTTGTACAGTGTGCCATTCTGTAGATATTAGCGTTTTCACTGATGAGCAAGACATACT
TAATGCATATTTTCGGTTTGTGTATCCATGCACCTACCTCAGAAAACAAGTATCGTCAGGT
ATTCTCTGCATAGAACAACACTACCTCCTCTCTCCAGATGTGACCACTGAGGGCAGT
TCTGAGTGTAAATTTTCAGATTTTTTCCCTCTGCATTTACACAAACACACACATGCCAC
ACAGACACACATGCGCGCGCGCGCGCACACACACACACACACACACACACACACACAC
ACCAAGTACCAGTATAGGCATCTCCCAACTGCTTTTCCCATGTGTCTGGTCAAGCCCC
CCTCACTCTGTTTCTGTTCAGCATGACTCCCCTCATCCGATTCCTCTATCAGTCAC
TGCCAGTTAATAAACCTTTGCAAACGTTAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021015 unedited AAGTTTATATTTGTATACGACTCTATAGGCGGCACGCGATTCCCAGGATATCGTCGACC CACGCGTCCGCGCTCTGATTCTTTTCGATTCTTCCAAAATCAGAGACAGAGTGCTCCCGGT GCCATGAACGGAGACGATGCCTTTGTACGGAGACCTAGGGTTGGTTCTCAAATACCACAG AAGATGCAAAAAGCATCCCTGGAGACAAGTCTGTGACCGTGAATACATTTGGTGAATCTC AGTCCGTTCTGGAAGGTGGGAAGAGAGCCAGCCAGCAGCATTAAAGCTCTACTGTGTGGC AGGGGAGAAGCTAGGGCCTTCGATGATATTGCCAAATACTTCTCTGAGAAAGAGTGGGAA AAGATGAAAGCCTCGGAGAAAATCATCTATGTGTATATGAAGAGAAAGTATGAGGCCATG ACTAAACTAGGTTTCAAGGCCACCTCCCACCTTTCATGCGTAATAAACGGGTTCGAGAC TTCCAGGGGAATGATTTTGATAATGACCCTAACCGTGGGAATCAGGTTGAACATCCTCAG ATGACTTTCGGCAGGCTCCAGGGAATCTCCCGAAGATCACGCCCGAGAAGCCAGCAGAG GAAGGAAATGATCAAAGGGAGTGCCAGAAGCATCTGGCCACAGAACAATGGGAAACAG CTGCGCCCTCAGGAAAATAAATACCTCTGAGAAGGTTAACAAGACATCTGGACCCAAA AGGGGAAACATGCCTGGACCCACAGAGTGCCTGAGAGAAAGCAACTGGTGATTTATGAA GAGATCAGCGACCCTCAGGAAGTACGAGTAACTCCCTCGGGNATATGACACATGCNC ATGATGAGAAGCAGAACGTGGTGACCTTTCACGAACATGGGCATGGCTGCNGATCCCTCG TCATCAGGTGTATAGCAAGTGN
Restriction Sites:	Please inquire
ACCN:	NM_021015
Insert Size:	1397 bp
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).
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_021015.3 , NP_066295.3
RefSeq Size:	1399 bp
RefSeq ORF:	690 bp
Locus ID:	6758
UniProt ID:	O60225
Cytogenetics:	Xp11.23
Protein Families:	Transcription Factors

Gene Summary:

The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. While some of the related SSX genes are involved in t(X;18)(p11.2;q11.2) translocations that are characteristically found in all synovial sarcomas, this gene does not appear to be involved in such translocations. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). 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.