

Product datasheet for **SC126049**

SSX5 (BC016640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX5 (BC016640) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSX5
Synonyms:	MGC9494; OTTHUMP00000023239; OTTHUMP00000023240; synovial sarcoma, X breakpoint 5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC016640 edited

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ACAGAGTGCTCCCGGTGCCATGAACGGAGACGATGCCTTTGTACGGAGACCTAGGGTTGG
TTCTCAAATACCACAGAAGATGCAAAAGCATCCCTGGAGACAAGTCTGTGACCGTGGAAAT
ACATTTGGTGAATCTCAGTCCGTTCTGGAAGGTGGGAAGAGAGCCAGCCAGCAGCATTAA
AGCTCTACTGTGTGGCAGGGGAGAAGCTAGGGCCTTCGATGATATTGCCAAATACTTCTC
TGAGAAAAGAGTGGGAAAAGATGAAAGCCTCGGAGAAAATCATCTATGTGTATATGAAGAG
AAAGTATGAGGCCATGACTAAACTAGGTTTCAAGGCCACCCTCCCACCTTTCATGCGTAA
TAAACGGGTGCGCAGACTCCAGGGGAATGATTTTGATAATGACCTAACCGTGGGAATCA
GGTTGAACATCCTCAGATGACTTTCGGCAGGCTCCAGGGAATCTCCCGAAGATCACGCC
CGAGAAGCCAGCAGAGGAAGGAATGATTCAAAGGGAGTGCCAGAAGCATCTGGCCACA
GAACAATGGGAAACAGCTGCGCCCTCAGGAAAATAAATACCTCTGAGAAGGTTAACAA
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AAAGTTGAGCGTCATTTTTCTTAGTGTGCCAAGAGTTCGATGTTAGTGTTCGTGTAT
TTTGTTACAGTGTGCCATTCTGTAGATATTAGCGTTTTCACTGATGAGCAAGACATACT
TAATGCATATTTTCGGTTTGTGTATCCATGCACCTACCTCAGAAAACAAGTATCGTCAGGT
ATTCTCTGCATAGAACAACACTACCCTCCTCTCTCCAGATGTGACCACTGAGGGCAGT
TCTGAGTGTAAATTTTCAGATTTTTCTCTGCATTTACACAAAACACACACATGCCAC
ACAGACACACATGCGCGCGCGCGCACACACACACACACACACACACACACACACACACAC
ACCAAGTACCAGTATAGGCATCTCCCAACTGCTTTTCCCATGTGTCTGGTCAAGCCCC
CCTCACTCTGTTTCTGTTTCAGCATGTAATCCCTCATCCGATCCCTCTATCAGTCAC
TGCCAGTTAATAAACCTTTGCAAACGTTAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC016640 unedited GTTAGATTTGTATACGACTTACTATAGGGCGGCCGCAATCAAATCTGGTACCGGTCCGG AATTCCCAGGATATCGTCGACCCACGCGTCCGCGCTCTGATTCTTTTCGATTCTTCCAAAA TCAGAGACAGAGTGCTCCCGGTGCCATGAACGGAGACGATGCCTTTGTACGGAGACCTAG GGTTGGTTCTCAAATACCACAGAAGATGCAAAAGCATCCCTGGAGACAAGTCTGTGACCG TGAATAACATTTGGTGAATCTCAGTCCGTTCTGGAAGGTGGGAAGAGAGCCAGCCAGCAG CATTAAGCTCTACTGTGTGGCAGGGGAGAAGCTAGGGCCTTCGATGATATTGCCAATA CTTCTCTGAGAAAAGAGTGGGAAAAGATGAAAGCCTCGGAGAAAATCATCTATGTGTATAT GAAGAGAAAAGTATGAGGCCATGACTAAACTAGGTTTCAAGGCCACCCTCCACCTTTCAT GCGTAATAAACGGGTGCGAGACTTCCAGGGGAATGATTTTGATAATGACCCTAACCGTGG GAATCAGGTTGAACATCCTCAGATGACTTTCGGCAGGCTCCAGGGAATCTTCCGAAAGT CACGCCGAGAAGCCAGCAGAGGAAGGAAATGATTCANAGGGAGTGCCAGAAGCATCTGG CCCACAGAACAAATGGGAAACAGCTGCGCCCTCANGAAAATAAATACCTCTGAGAAGGT TTACAAGACATCTGGACCCAAAAGGGGGAACATGCCTGGACCCACAGATGCGTGAGAAA AAGCACTGGTTGATTATGAAGAGATCAGCGACCCCTCAGGAGATGACGAAGTACCTCCCT CGGGGATATGACCCATGCCATGATGAGAAGCAAACGTGGTGACCTTTTACGAAATGGGC ATGGCTGCGGATCCCTCGTCATAAGTTGTTAGCAAGTAG
Restriction Sites:	Please inquire
ACCN:	BC016640
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:	<u>BC016640.2</u> , <u>AAH16640.1</u>
RefSeq Size:	1363 bp
Locus ID:	6758
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]