

Product datasheet for **SC125740**

SSX3 (NM_175711) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX3 (NM_175711) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSX3
Synonyms:	CT5.3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_175711 edited CTCTCTCTTTTCGATTCTCCATACTCAAGAGTACGCACGGTCTGATTTTCTTTGGATT CTTCCAAAATCAGAGTCAGACTACTCCCTGTGCCATGAACGGAGATGACACCTTTGCAAG GAGACCCACGGTTGGTGCTCAAATACCAGAGAAGATACAAAAGGCCTTCGATGATATTGC CAAATACTTCTCTAAGGAAGAGTGGGAAAAGATGAAAGTCTCGGAGAAAATCGTCTATGT GTATATGAAGAGAAAAGTATGAGGCCATGACTAACTAGGTTTCAAGGCCATCCTCCCATC TTTCATGCGTAATAAACGGGTACAGACTTCCAGGGGAATGATTTTGATAATGACCCTAA CCGTGGGAATCAGGTTCAACGTCTCAGATGACTTTTCGGCAGGCTCCAGGGAATCTTCCC GAAGATCATGCCAAGAAGCCAGCAGAGGAAGGAAATGTTTCGAAGGAAGTCCAGAAGC ATCTGGCCACAAAACGATGGGAAACAGCTGTGCCCCCGGAAAACCACTACCTCTGA GAAGATTAACATGATATCTGGTGCCTTCAGAGATACTGCAGGTTTCGGTCCAGACCACT GCAATAAAGAAATAGGGAGGCCAAGAAAAGGAAGAGACGCGGAACAGCTCATCGGTG GAGCAGTCAGAAGACACAAAACATTAATCGATTAAGTTTGTATTTCTATGGGTGCAGT TCCTGGTACCCCCAAAACAATTACACACAACAGGGTGATTATAGTCAATAATAACTTAAT TGTACTTAAAAAACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_175711 unedited NGGGGGCGTGTCAGCGATATTTGTNGAATACGCACTCCACTATAGGGGCGGCCGCGCAAT TCGCCATTACGGCCGGGGCTCTCTCTTTTCGATTCTTCCATGCTCAAGAGTACGCACGGTC TGATTTTCTCTTTGGATTCTTCCAAAATCAGAGTCAGACTACTCCCTGTGCCATGAACGG AGATGACACCTTTGCAAGGAGACCCACGGTTGGTGCTCAAATACCAGGAGAAGATACAAA AGGCCTTCGATGATATTGCCAAATACTTCTCTAAGGAAGAGTGGGAAAAGATGAAAGTCT CGGAGAAAATCGTCTATGTGTATATGAAGAGAAAAGTATGAGGCCATGACTAAACTAGGTT TCAAGGGCATCCTCCATCTTTTCATGCGTAATAAACGGGTCACAGACTTCCAGGGGAAT GATTTTGATAATGACCCTAACCGTGGAATCAGGTTCAACGTCCTCAGATGACTTTTCGGC AGGCTCCAGGGAATCTTCCCGAAGATCATGCCAAGAAGCCAGCAGAGGAAGGAAATGTT TCCAAAGAAGTGCCAGAAGCATCTGGGCCACAAACGATGGGGAACAGCTGTGCCCCCC GGGGAGACCCACTACCTCTGAGAAAAATAACATGGATATCGGGGGTCTTTCACAGATACT GGAGGGTTCGGGGTCCAGACCACTGGAATAAAGAAATAAGGGAGGGCCAAAAAAGGGAA AAAGACCCGGGACAGCTCATCGGGGGGCATTTTCGAAAACACAAANATTAATCGGGTAAA GTTTGTCTAATCTAATGGGGCCGTTTCTGGGCCGCCCAACAAATTTACCACCAGAG GGGGAGTAATAGTGCAAAAAAACCTAATGGGTCTTTGAAGAACCCCGGGGAGGGGA GGAGTGAGAAAGACGTTGTGGCCGCCGGGGCTTTTATTTN
Restriction Sites:	Please inquire
ACCN:	NM_175711
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>NM_175711.1</u> , <u>NP_783642.1</u>
RefSeq Size:	825 bp
RefSeq ORF:	513 bp
Locus ID:	10214
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. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (2) contains a distinct 3' UTR and has multiple coding region differences, compared to variant 1, one of which results in a frameshift. This results in a shorter isoform (b) with a distinct C-terminus, compared to isoform a.