

Product datasheet for **SC304892**

SSX3 (NM_021014) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSX3 (NM_021014) 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_021014 edited
CTCTCTCTTTTCGATTCTTCCATACTCAAGAGTACGCACGGTCTGATTTTCTTTGGATT
CTTCCAAAATCAGAGTCAGACTACTCCCTGTGCCATGAACGGAGATGACACCTTTGCAAG
GAGACCCACGGTTGGTGCTCAAATACCAGAGAAGATACAAAAGGCCTTCGATGATATTGC
CAAATACTTCTCTAAGGAAGAGTGGGAAAAGATGAAAGTCTCGGAGAAAATCGTCTATGT
GTATATGAAGAGAAAAGTATGAGGCCATGACTAACTAGGTTTCAAGGCCATCCTCCCATC
TTTCATGCGTAATAAACGGGTACAGACTTCCAGGGGAATGATTTTGATAATGACCCTAA
CCGTGGGAATCAGGTTCAACGTCTCAGATGACTTTTCGGCAGGCTCCAGGGAATCTTCCC
GAAGATCATGCCAAGAAGCCAGCAGAGGAAGGAAATGTTTCGAAGGAAGTCCAGAAGC
ATCTGGCCACAAAACGATGGGAAACAGCTGTGCCCCCGGAAAACCACTACCTCTGA
GAAGATTAACATGATATCTGGACCCAAAAGGGGGAACATGCCTGGACCCACAGACTGCG
TGAGAGAAAGCAGCTGGTGATTTATGAAGAGATCAGCGATCCTGAGGAAGATGATGAGTA
AGCGGCCGCGGTACATAGCTGTTTCC

Restriction Sites: Please inquire

ACCN: NM_021014

Insert Size: 700 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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_021014.2.



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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_021014.2, NP_066294.1</u>
RefSeq Size:	1290 bp
RefSeq ORF:	567 bp
Locus ID:	10214
UniProt ID:	<u>Q99909</u>
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]