

## Product datasheet for **SC321127**

### SPANX (SPANXC) (NM\_022661) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SPANX (SPANXC) (NM_022661) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPANX
Synonyms:	CT11.3; CTp11; SPANX-C; SPANX-E; SPANXE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022661 edited GAATTCGGCCATTACGGCCGGGGCGAAGATTCAAAACCTACAAAAGCCTGCCGAGACA TTGAAGAACCAATATATACAATGGACAAACAATCCAGTGCCGGCGGGGTGAAGAGGAGCG TCCCCTGTGAATCCAACGAGGTGAATGAGACGATGCCGGAGACCCCAACTGGGGACTCAG ACCCGCAACCTGCTCCTAAAAAATGAAAACATCTGAGTCTCGACCATACTAGTGGTTC GCTACAGGAGGAACGTGAAAAGAACATCTCCAGAGGAAGTCTGAATGACCACGCCCGAG AGAACAGAATCAACCCCTCCAATGGAGGAGGAGGAATTCATGGAAATAATGGTTGAA TACCTGCAAAGTAGCAAGAAGCTACATCTCTCAACCTTGGGCAATGAAAATAAAGTTTGA GAAGCCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACATGTCGGCCGCCTCGGCCCTCG ACTCT
Restriction Sites:	Please inquire
ACCN:	NM_022661
Insert Size:	450 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:	It was fully sequenced and the DNA sequence matches with that of NM_022661.2.
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).



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**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\\_022661.2](#), [NP\\_073152.1](#)

**RefSeq Size:** 425 bp

**RefSeq ORF:** 294 bp

**Locus ID:** 64663

**UniProt ID:** [Q9NY87](#)

**Cytogenetics:** Xq27.2

**Gene Summary:** Temporally regulated transcription and translation of several testis-specific genes is required to initiate the series of molecular and morphological changes in the male germ cell lineage necessary for the formation of mature spermatozoa. This gene is a member of the SPANX family, which is located in a gene cluster on chromosome X. The SPANX genes encode differentially expressed testis-specific proteins that localize to various subcellular compartments. This particular gene encodes a protein that localizes to the nucleus and is expressed in highly metastatic cell lines, making the protein a potential diagnostic and prognostic marker. The protein belongs to a family of cancer/testis antigens and represents a potential target for cancer immunotherapy. [provided by RefSeq, Jul 2008]