

## Product datasheet for **RC208858L3V**

### SPANX (SPANXC) (NM\_022661) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SPANX (SPANXC) (NM_022661) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPANX
Synonyms:	CT11.3; CTp11; SPANX-C; SPANX-E; SPANXE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022661
ORF Size:	291 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208858).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_022661.2</a> , <a href="#">NP_073152.1</a>
RefSeq Size:	441 bp
RefSeq ORF:	294 bp
Locus ID:	64663
UniProt ID:	<a href="#">Q9NY87</a>
Cytogenetics:	Xq27.2
MW:	11 kDa



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**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]