

Product datasheet for SC301420

SPANXN4 (NM_001009613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPANXN4 (NM_001009613) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPANXN4
Synonyms:	CT11.9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301420 representing NM_001009613. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGAAGAGCCAACTTCCAGCACCAACGAGAATAAAATGAAGAGCCCTGTGAATCTAACAAAAGAAAA
 GTTGACAAGAAGAAGAATCTGCACAGAGCCTCAGCCCTGAACAGAGTTTGAAAGAGACAGAAAAA
 GCAAAATATCCAACATTAGTGTTTACTGCAGGAAGAATAAGAAAAGAAATCAATCAACTGGAGAAT
 AACCAGCTACAGAGAGCTCCACTGATCCAATCAAAGAGAAAGGAGACCTAGACATATCTGCAGGATCT
 CCACAGGATGGTGGCAGAATTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001009613
Insert Size:	300 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.


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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_001009613.2</u>
RefSeq Size:	431 bp
RefSeq ORF:	300 bp
Locus ID:	441525
UniProt ID:	<u>Q5MJ08</u>
Cytogenetics:	Xq27.3
MW:	11.2 kDa
Gene Summary:	This gene represents one of several duplicated family members that are located on the X chromosome. This gene family encodes proteins that play a role in spermiogenesis. These proteins represent a specific subgroup of cancer/testis-associated antigens, and they may be candidates for tumor vaccines. This family member belongs to a subgroup of related genes that are present in all primates and rats and mice, and thus, it represents one of the ancestral family members. [provided by RefSeq, Sep 2009]