

Product datasheet for **SC111346**

TSNAXIP1 (NM_018430) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSNAXIP1 (NM_018430) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSNAXIP1
Synonyms:	TXI1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018430, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGGGCACCTGTCCCCATGGCCACATACACCAGTGGCCAGACCATTTTGCAAAATCGAAAACCTT
GTTTCAGATGACTACCGGAAGCGAGTAGGGAGCTGCCAGCAGCACCCTTTTCGCACTGCCAAGCCCCAGTA
CTTGGAGGAAGTGGAAACTACCTACGCAAGGAGCTCCTCTGCTGGACCTGGGCACAGATTCCACCCAG
GAACATAAGGCTGCAGCCTTACAGAGAGATCTTTGAGTTCTTCATAGAGGACTTCAAAACGTACAAGCCAT
TACTATCTCCATCAAGAATGCGTATGAGGGGATGCTGGCCACCAAAGGAGAAGATTCGGGCTCTGGA
GCCCCGAAGGCCAAGCTTGCTACTGTGAATGAGGACTGCAATGAGAGGATCCTGGCCATGAGAGCTGAG
GAGAAATATGAAATCTCCCTGCTCAAGAAAGAGAAGATGAACTTGCTAAACTCATCGACAAAAAGAATG
AGGAGAAGATTTTCATTGCAGAGCGAGGTGACCAAACTGAGGAAGAAGTGGCTGAGGAGTACCTGCACTA
CCTCAGTGAGCGAGATGCCTGTAAGATCCTCATCGCAGACCTGAATGAGCTGCGGTACCAGCGGGAGGAC
ATGTCATTAGCCAGTCGCCAGGCATCTGGGGGGAGGACCCTGTGAAGTTAACCTGGCTCTTAAGATGA
CCCGGCAAGACCTGACCCGCACGCAGATGGAACCAACAACATGAAGGCCAATTTGGAGATGTGGTCCC
CAGGAGGGACTTTGAAATGCAGGAGAAGACCAACAAGGATCTTCAGGAGCAGCTGGACACCTGAGAGCC
AGCTACGAGGAGGTTTCGAAGGAGCATGAGATCCTCATGCAGCTGCACATGAGCACGCTGAAGGAACGGG
ACCAATTTCTTCTGAGCTGCAGGAGATCCAGCGCACTTCCACGCCGCGGCTGACTGGACCAAGTGCAA
AGATGTGGTGGCTGGGGGCCAGAGCGCTGGCAGATGCTGGCTGAGGGCAAGAACAGCGACCAAGTGGTG
GACGTGCTCCTGGAAGAGATTGGTTCGGGGCTGCTGCGGGAGAAAGACTTCTTCCCTGGTCTGGGCTATG
GGGAAGCCATCCCTGCTTTTCTCGGTTTATGAGGCTCGTGGAGAACAAGAAGCCAAGCAAGAAGGACGT
GGTCAACCTCCTCAAGGATGCCTGGAAGGAACGCTTGTCTGAGGAGCAGAAAGAGACGTTCCAGATTTT
TTCTTCAATTTCTGAGCATCGCTTTGGGCCAGTGATGCCATGGCTGGCTTATACTATTTTGAAG
ATATCAAGATCTTCCACTCCAACGAGGTTATGAGTCAGTTCTATGCAGTCTTGATGGGAAAGCGGAGTGA
GAATGTGTATGTACCCAGAAGGAGACAGTAGCCAGCTGCTGAAGGAGATGACAAATGCTGACAGTCAG
AACGAGGGGCTACTAACCATGGAGCAGTTCAACACTGTCTCAAGAGTACCTTCCCTCTCAAGACAGAAG
AGCAAAATCCAGGAGCTGATGGAGGCAGGGGCTGGCATCCAGCAGCAGCAATGCAGACTTGCTCAACTA
CCGCTCACTGTTTATGGAGGATGAGGAGGGCCAGAGTGAGCCCTTTGTGCAAAAACCTCTGGGAACAATAC
ATGGATGAGAAGGACGAGTACTTACAGCAGCTAAAGCAGGAGCTTGGCATAGAACTCCATGAGGAAGTGA
CTCTGCCCAAGCTGCGAGGGGGCTGATGACCATCGACCCAGCCTGGACAAGCAGACAGTGAACACCTA
CATGAGCCAGGCCTTCCAGCTCCCTGAGTCGGAATGCCAGAGGAGGGTACGAGAAGGAAGAAGCCGTG
GTGGAAATCCTCCAGACTGCCCTGGAGCGGCTTACAGTGATTGACATCAGGCGTGTGGGACCTCGAGAGC
CAGAGCCTGCAAGCTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018430 unedited

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GGGTACCATTTGTATACGACTCATATAGGCGGCCGAGTTTCGGCACGAGGAGGAGCATG
AGATCCTCATGCAGCTGCACATGAGCACGCTGAAGGAACGGGACCAATTCTTCTGAGC
TGCAGGAGATCCAGCGCACTTCCACGCCGCGGCTGACTGGACCAAGTGCAAAGGTGAGG
GCAGCCGGCAGGGCCCCAGGTCTGCTTACATGTGGGCCAGACTCCAGCTCCCTCTCCC
CACATGCAGATGTGGTGGCTGGGGGCCAGAGCGCTGGCAGATGCTGGCTGAGGGCAAGA
ACAGCGACCAGCTGGTGGACGTGCTCCTGGAAGAGATTGGTTCGGGGCTGCTGCGGGAGA
AAGACTTCTTCCCTGGTCTGGGCTATGGGAAGCCATCCCTGCTTTTCTCGGTTTGATG
GCCTCGTGGAGAACAAGAAGCCAAGCAAGAAGGACGTGGTCAACCTCCTCAAGGATGCCT
GGAAGGAACGTCTTGCTGAGGAGCAGAAAGAGACGTTCCAGATTTCTTCTTCAATTTCC
TGGAGCATCGCTTTGGGCCAGTGATGCCATGGCCTGNGCTTATACTATTTTGAAGATA
TCAAGATCTTCCACTCCAACGAGGTTATGAGTCAGTTCTATGCAGTCTTGATGGGAAAGN
CGAGTGAGAATGTGTATGTACCCAGAAGAGACAGTAGCCAGCTGCTGAAGGAGATGA
CANATGCTGACAGTCAGAACGAGGGGCTACTAACCATGGAGCAGTTCAACACTGTCCTCA
AGAGTACCTTCCCTCTCAGACAGAGAGCAATCCAGNAGCTGATGGNAGCAGGGGGCCTG
GCATCCNAGCAGCAGCAATGCAGACTTGCTCAACTACCGCTCACTGNNTTATGGNNAGATG
AAGAGGCCANNAGTGACCCCT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018430 unedited <pre> TTAAAAAANCTTCTTGNACCGCGCCGATTCTANGATCGATTTTTTTTTTTTTTTTTT ATTCAGACAAACACTTTTATATTTAAAGCTAGGGGTTAGCAGGACTGGAGTACGCAGGCT GCCCACAAGTTCTTAGCTTGCAGGCTCTGGCTCTCGAGGTCCACACGCCTGATGTCAAT CACCTGAAGCCGCTCCAGGGCAGTCTGGAGGATTTCCACCACGGCTTCTTCCTTCTCGTC ACCCTCCTCTGGCATTTCGACTCAGGGAGCTGGAAGGCCTGGCTCATGTAGGTGTTTAC TGCTCTGCTTGTCCAGGCTGGGGTCGATGGTCATCAGGCCCTCGCAGCTTGGGCAGAGT CACTTCCTCATGGAGTTCTATGCCAAGCTCCTGCTTTAGCTGCTGTAAGTACTCGTCCTT CTCATCCATGTATTGTTCCAGAGTTTTTGCACAAGGGCTCACTCTGGCCCTNCTCATCC TTCATAACAGTGAGCGGTATTTGACCAANTCTGCATTGCTGCTGCTGGGATGCCAGCCC CCCTGCTTCATTAGCTNCTGGATTTGCTCTCTGTCTTGAAGGGAAGGTAAGTCTGAAGA CAGTGNTAACTGCTCCATGGTATAACCCCTCGTTCTGACTGGCACATTTGGAATTTCC TAAACAAGTGGGCTACGGGTTCTTTTGGGGGACTAACCATTTTACCTCCGTTTTCCATCA AAATGGTTAACTGACCTTAACCTGTTGGAAGGGAAGGTAAGTATTTTAAAAAATATT AACCCAGCCCTGGGTTTTCTTGGGCCACAAGCATCCTCCAGAAATTAAGGAGGACCCCTT GGACACTTTTTTTGTCTTAAAGAAATTTCTTCAGCCCTTTAGAGGGGGCACCCCTT CTTTTTTTGGTTTTTTGTTCCCGAGGCTAACCCCAAAAAACGGGGGTTCTCCCTT CCCCAACCGGAAAAAACCTTCTCCCCCCCCCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018430
Insert Size:	1350 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).
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:	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_018430.1</u> , <u>NP_060900.1</u>
RefSeq Size:	2692 bp
RefSeq ORF:	1101 bp
Locus ID:	55815
UniProt ID:	<u>Q2TAA8</u>
Cytogenetics:	16q22.1

Gene Summary:

Possible role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in its 5' UTR, and uses a downstream start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a.