

Product datasheet for **RC239186**

TSNAXIP1 (NM_001288991) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSNAXIP1 (NM_001288991) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TSNAXIP1
Synonyms:	TXI1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239186 representing NM_001288991
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGCCAGCAGTCGCGGTACACAGCTTCTCGTCCGCTCGAGATTACAGCCACGGCCTTCAGGAG
 TGACCATAGACGAATCCTTTCTACAGAAGACAAGAGCACCCAGAATCGCAAGCTTCTTCAGAAACGAAG
 GACGCTGGAGCTGCCAGCAGCACCCCTTTCGCACTGCCAAGCCCCAGTACTTGGAGGAAGTGGAAAACTA
 CCTACGCAAGGAGCTCCTCCTGCTGGACCTGGGCACAGATTCCACCCAGGAACTAAGGCTGCAGCCACC
 AAAGGGAGAAGATTGGGGCTCTGGAGCCCTGAAGGCCAAGCTTGTCACTGTGAATGAGGACTGCAATGA
 GAGGATCCTGGCCATGAGAGCTGAGGAGAAATATGAAATCTCCCTGCTCAAGAAAGAGAAGATGAATTTG
 CTAAGAACTCATGACAAAAAGAATGAGGAGAAGATTTTCATTGCAGAGCGAGGTGACCAAAGTGGGAAGA
 ACTTGGCTGAGGAGTACCTGCACTACCTCAGTGAGCGAGATGCCTGTAAGATCCTCATCGCAGACCTGAA
 TGAGCTGCGGTACCAGCGGGAGGACATGTCATTAGCCAGTCGCCAGGCATCTGGGGGGAGGACCCTGTG
 AAGTTAACCTGGCTCTTAAGATGACCCGCAAGACCTGACCCGCACGCAGATGGAATCAACAATGA
 AGGCCAACTTTGGAGATGTGGTCCCCAGGAGGGACTTTGAAATGCAGGAGAAGACCAACAAGGATCTTCA
 GGAGCAGCTGGACACCCTGAGAGCCAGCTACGAGGAGGTTTCGCAAGGAGCATGAGATCCTCATGCAGCTG
 CACATGAGCAGCTGAAGGAACGGGACCAATCTTCTCTGAGCTGCAGGAGATCCAGCGCACTTCCACGC
 CGCGGCCCTGACTGGACCAAGTGCAAGATGTGGTGGCTGGGGGCCAGAGCGCTGGCAGATGCTGGCTGA
 GGGCAAGAACAGCGACCAAGCTGGTGGACGTGCTCCTGGAAGAGATTGGTTCGGGGCTGCTGCGGGAGAAA
 GACTTCTCCCTGGTCTGGGCTATGGGGAAGCCATCCCTGCTTTTCTTCGGTTTGATGGCCTCGTGGAGA
 ACAAGAAGCCAAGCAAGAAGGACGTGGTCAACCTCCTCAAGGATGCCTGGAAGGAACGTCTTGTGAGGA
 GCAGAAAGAGACGTTCCAGATTTCTTCTCAATTTCTGGAGCATCGCTTTGGGCCCAAGTATGCCATG
 GCCTGGGCTTATACTATTTTGAATATCAAGATCTTCCACTCCAACGAGGTTATGAGTCAGTTCTATG
 CAGTCTTGATGGGAAAGCGGAGTGAGAATGTGTATGTCACCCAGAAGGAGACAGTAGCCAGCTGCTGAA
 GGAGATGACAAATGCTGACAGTCAGAACGAGGGGCTACTAACCATGGAGCAGTTCAACACTGTCTCAAG
 AGTACCTTCCCTCTCAAGACAGAAGAGCAATCCAGGAGCTGATGGAGGCAGGGGCTGGCATCCCAGCA
 GCAGCAATGCAGACTTGCTCAACTACCGCTCACTGTTTATGGAGGATGAGGAGGGCCAGAGTGAGCCCTT
 TGTGCAAAAAGCTCTGGGAACAATACATGGATGAGAAGGACGAGTACTTACAGCAGCTAAAGCAGGAGCTT
 GGCATAGAACTCCATGAGGAAGTGAATCTGCCCAAGCTGCGAGGGGGCTGATGACCATCGACCCAGCC
 TGGACAAGCAGACAGTGAACACCTACATGAGCCAGGCCTTCCAGCTCCCTGAGTCGGAATGCCAGAGGA
 GGGTGACGAGAAGGAAGAAGCCGTGGTGGAAATCCTCCAGACTGCCCTGGAGCGGCTTCAGGTGATTGAC
 ATCAGGCGTGTGGGACCTCGAGAGCCAGAGCCTGCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239186 representing NM_001288991
Red=Cloning site Green=Tags(s)

MACQQSRYHSFSSASRLQPRPSGVTIDESFLTEDKSTQNRKLLQKRRTLELPAAPLSHCQAPVLGGTGKL
 PTQGAPPAGPGHRFHPTGKAAAHQREKIRALEPLKAKLVTNEDCNERILAMRAEEKYEISLLKKEKMNL
 LKLIDKNEEKISLQSEVTKLRKNLAEEYLHYLSERDACKILIALDLNELRYQREDMSLAQSPGIWGEDPV
 KLTLALKMTRQDLTRTQMELNNMKANFGDVVPRRDFEMQEKTNKDLQEQLDTRLASYEEVRKEHEILMQL
 HMSTLKERDQFFSELQEIQRTSTPRPDWTKCKDVVAGGPERWQMLAEGKNSDQLVDVLLLEEIGSGLLREK
 DFFPGLGYGEAIPAFRLFDGLVENKKPSKDDVNNLLKDAWKERLAEEQKETFPDFFNFLEHRFGPSDAM
 AWAYTIFENIKIFHSNEVMSQFYAVLMGKRSENVYVTQKETVAQLLKEMTNADSQNEGLLTMEQFNTVLK
 STFPLKTEEQIQELMEAGGWHPPSSSNADLLNYSRLFMEDEEGQSEPFVQKLWEQYMDEKDEYLQQLKQEL
 GIELHEEVTLPKLRGGLMTIDPSLDKQTVNTYMSQAFQLPESEMPEEGDEKEEAVVEILQTALERLQVID
 IRRVGPREPEPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001288991

ORF Size: 1929 bp

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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001288991.3

RefSeq Size: 2296 bp

RefSeq ORF: 1932 bp

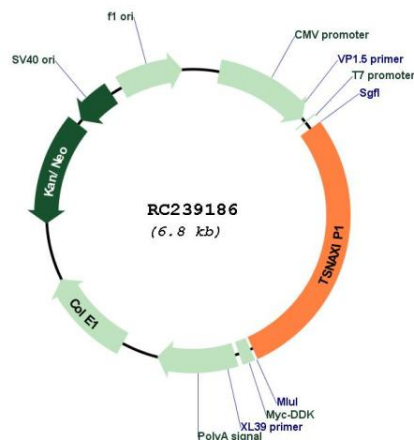
Locus ID: 55815

Cytogenetics: 16q22.1

MW: 74.5 kDa

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

Product images:



Circular map for RC239186