

Product datasheet for **MR218955**

Tsnaxip1 (NM_024445) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Tsnaxip1
Synonyms:	1700016K08Rik; TX11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR218955 representing NM_024445
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAACTACAGGAGCGTAAAAGTTTCTCCAAGCCAAGAATAAGTATACAAGCTTCAGGAGGGACTC
CGGAAGCCAAGGGCATTGAGAAACGCAAGCTTTCTCAGAAACGAAGGACACTGCCCTTGCAAGCTTATCCTT
GGGTGGCCACCTGTCAACATGGCCTACATACACAGTGGCCAGACAGTTCTACATAATCGAAAGCCCTGT
TCAGATGACAGCCGGAATCGAGCCAATAGCTGCCAGCAGCAGTCCATGAGCATCTCCAAGCCCAAGTACC
TGGAGCAACTAGAAAATACCTGCGCAAGGAACCTCTCTGCTGGACCTGAGCACGGATTCTGCACAGGA
ACTGAGGCTGCAGCCTTATAGGGAGATCTTTGAGTTCTTCATAGAGGATTTCAAGACATACAAGCCACTG
TTATCTCCATCAAGAATGCGTACGAGGTGATGCTAGCCACCAAAAGGAGAGAATCCGGTCCCTGGAGC
CCCTGAAGGCCAAGATTGTCAACATGAACGAGGACTGCAGTGAGAGGGTCTGGCCATGAGGGCTGAGGA
GAGGTACGAAATCTCTGTGCTCAAGAAAGAGAAGATGAATTTGCTAAAACCTATCGACAAAAGAAGCA
GAGAAGATCTCACTGCAGAGCGAGGTAGCTAAACTGAGGAGGAGCCTGGCTGAGGAGTATCTGCGTTATC
TTACCGAACGAGATGCCCGCAAAATTTCTGATTGGGGACCTGAATGAACTGAGGTACAGCAAGAAGACAT
GTCAGTACCCAGACCCAGGTGTTGGGGAGAAGACCCAGTGAAGCTAACATTGGCACTGAAGATGACT
CGACAAGACCTGACTCGCACACAGATGGAACCTTAACACAATGAAAGCCAACTCTGGAGATGTGGTACCCA
GGAGAGACTTGGAATGCAAGAGAAGACCAACATGGAGCTTCAAGAGCAGCTAGAAAGCCTGAAAGCCGA
CTATGAAGAAGTCCAAAAGGAACACGAGCTGCTGCTGCAAGTGCACATGAGCACAATAAGGAGCGGGAC
CAGTTCTATAATGAGTTGCAGGAGATCCAGCGCACCTCCACACCGCAGCTGACTGGACCAATGCGAAA
GTATCATAGCAGGGGGCCAGAGCGCTGGCTAGTGCTGGCTGAAGGAAAGAAGCAGTGATCAGCTGGTGA
TGTGCTCCTGGAGGAAATCGGCATGGGTCTGCTTCGGGAGAAAGACTTCTCCCTGGCCTGGGCTTTGGG
GATGCCATCCCCCTTCTCTCGGTTTGATGGCCCTGTGAAGAACAGAAGCCAAAGCAAGAAGGAGGTGG
TAAACCTCCTTAAGGATGCCTGGAAGGAACGCATTGCAGAGGAACAGAAGGAGCCATTTCCAGATTTCTT
CTTCAATTTTCTGGAGCGTCGCTTTGGGTCAATGATGCCATGGCCTGGCTTACACCATTTTAAAAAT
ATCAAGCTCTTTCTGTTCCAGTGAGATCATGAATCAGTTCTATGCAGTATTGATGGGAAAGAATTTGGAGA
GTGTATATATCAATCAAAAAAGACACTGTCCCATCTGCTGAAGGAGTTGCTAAGTGTGACACTCAGAA
TGAGGGATCAATCACCATGGAACAGTTCAACCATCTCAAGACCACTTTCTCTCAAGAAGGAAGAG
CAGATTCAAGGAGTGTGAGGCGAGTAGGCTGGGTCCAGACAGCAGCAACACAGACATGTTAACTACC
GATCTTTGTTTAAAGGATGAGGAAGGGCAGAGTGAGCCATTTGTGCAGAGGCTGTGGGAACAGTATGA
AAGTGACAAGGAAGCATACTTAGAGGAACTGAAGCAGGAGCTAGACCTGGATCTCTTGAAGACGTGACC
CTACTGAAGATGCGTGGGACCTGTGAACATAGATCCTACCATGGACAAGCAGACTCTGAGTGCCTACC
TGAGCCAGGCCTATCAGATCCCTGCAATTGATGTGCCACTGGAGGATGAGGAGAAGCAGGGGATAATCTC
CATAAAGTTGAGACTGCATTGATCGACTTAGGATGGCAGACACGAAGCGTGTAGGACCACGAGAGCCA
GACCCAGCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218955 representing NM_024445

Red=Cloning site Green=Tags(s)

MANLQERKSFSPRISIQASGGTPEAKGIEKRKLSQKRRTLPLQLSLGGHLSWPPTYTSGQTVLHNRKPC
SDDSRNRRNSCQQQSMSSISPKYLEQLENYLRKELLLDLSTDSAQELRLQPYREIFEFFIEDFKTYKPL
LSSIKNAYEVMLAHQKERIRSLEPLKAKIVTMNEDCSERVAMRAEERYEISVLKKEKMNLKLIKDKNE
EKISLQSEVAKLRRSLAEYLRYLTERDARKILIGDLNELRYQQEDMSLAQTGPGWGEDPVKLTALKMT
RQDLTRTQMELNTMKANSQDVVPRRDLEMQEKTNMELQEQLSESKADYEEVQKEHELQLHMSLTKERD
QFYNELQEIQRTSTPRPDWTKCESIIAGGPERWLVAEGKNSDQLVDVLEEIGMGLLREKDFPGLGFG
DAIPPFLRFDPGVKNKKPSKKEVVNLLKDAWKERIAEEQKEPFPDFFNFLERRFGVNDAMAWAYTIFEN
IKLFRSSEIMNQFYAVLMGKNLESVYINQKTLSHLLKELLSVDTQNEGSITMEQFSTILKTTFPLKKEE
QIQELMEAVGWPDSSNTDMLNYSRLFNEDEEGQSEPFVQRLWEQYSESDKEAYLEELKQELDLPLEDVT
LLKMRGTLMNIDPTMDKQTL SAYLSQAYQIPAIDVPLEDEEKQGIISIKVETALDRLRMADTKRVPREP
DPAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

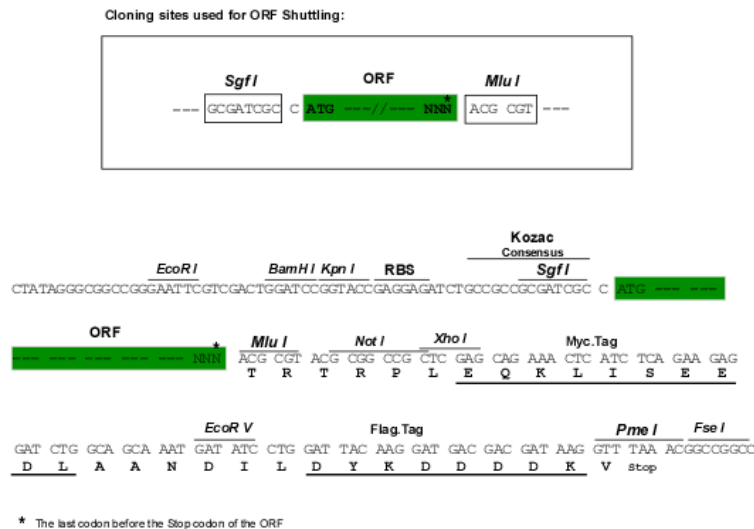
Chromatograms:

https://cdn.origene.com/chromatograms/mm9090_f01.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_024445

ORF Size:

2112 bp

OTI Disclaimer:

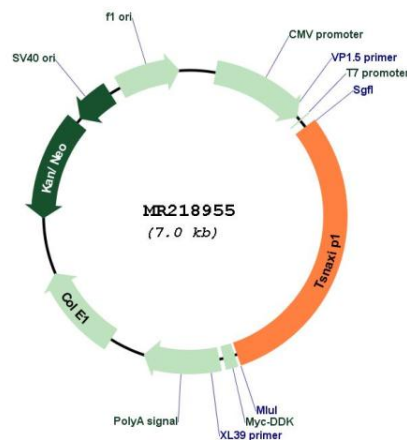
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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_024445.4 , NP_077765.1
RefSeq Size:	2210 bp
RefSeq ORF:	2115 bp
Locus ID:	72236
UniProt ID:	Q99P25
Cytogenetics:	8 D3
MW:	81.8 kDa
Gene Summary:	Possible role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218955