

Product datasheet for **MR208448**

Tbl1x (NM_020601) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbl1x (NM_020601) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbl1x
Synonyms:	5330429M20; Tbl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208448 representing NM_020601
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCATTACCAGCGACGAGGTGAACCTTCTGGTATATCGTACCTCCAGGAATCAGGTTTTTCCCACT
 CTGCCTTCACGTTTGGGATCGAAAAGTCACATTAGCCAGTCCAACATCAATGGTACTACTAGTGCCACCGGC
 TGCCCTAATCTCCATTCTTCAGAAAGGACTGCAGTATGTGGAGGCGGAGATCAGCATCAACGAGGATGGC
 ACGGTATTTGATGGGCGTCCCATTGAGTCCCTATCGTTAATTGATGCTGTGATGCCCGATGTGGTACAGA
 CAAGACAGCAAGCTTTTCGGGAGAACTTGCCACGAGCAAGCCAATGCAGCAGCTGCAGCAGCAGCAGC
 TGCAGCCACAGCCACAAGCACAGCGGCTACAACACCAGCAGCTGCTGCTCAGCAAACCCACCAAAGAAAT
 GGAGAAGCCACCGTGAATGGGAAGAAAATGGAGCCCATGCAATAAATAACTCACTCAAAGCCAATGGAAA
 TAGATGGAGACGTTGAAATTCACCGAGTAAAGCCACAGTCTTCGAGGCCATGAGTCTGAGGTCTTCAT
 TTGTGCCTGGAATCCTGTTAGTGACCTACTTGCTTCTGGATCTGGAGACTCCACTGCGAGGATATGGAAC
 CTTAATGAGAACAGCAACGGGGCTCCACACAGCTTGTGCTGAGGCACTGTATACGTGAAGTGGACATG
 ATGTTCCAGTAATAAGGATGCTACTTCATTGGACTGGAATAGCGATGGAACACTGTTGGCAACAGGTTT
 CTATGATGGTTTTGCAAGAATATGGACAGAAGATGGTAACCTAGCCAGCACCTTAGGTCAACATAAAGGT
 CCCATCTTTGCTTTGAAGTGGAAACAAAAGGGGAATTATATTTTGGAGTGTGGTGTAGACAAGACAACAA
 TAATTTGGGACGCTCACACAGGAGAAGCCAAACAACAGTTTCTTTTTCATTACAGCACCTGCCCTTGATGT
 GGACTGGCAGAACAACACTACCTTTGCCTCATGCAGCAGACATGTGCATTCATGTGTGACGGCTTGGC
 TGTGATCGCCAGTCAAACCTTCCAAGGACATACTAATGAGGTCAATGCATCAATGGGATCCCTTCTG
 GAATGTTACTAGCCTCCTGCTCTGATGACATGACATTAAGATCTGGAGTATGAAGCAGGATCGATGTGT
 CCATGACCTCCAGGCTCACAGCAAAGAGATATATACCATCAAGTGGAGTCCCACAGGACCAGCCACCAGC
 AACCCGAACCTCAACATCATGTTAGCAAGTGCTTCATTTGACTCTACGGTTCGACTGTGGGATGTGGAGC
 GAGGTGTTTGCATCCACACTCTGACCAAGCATCAGGAGCCTGTCTATAGTGTAGCGTTACGCCCCGACGG
 GAAGTATTTGGCCAGTGGATCTTTTGAAGTGTGCCATATCTGGAATACTCAGAGTGGAAAGTCTCGTC
 CACAGCTACCGAGGAACAGGCGGCATATTTGAGGTGTGCTGGAATGCTCGAGGAGACAAAGTGGGTGCCA
 GCGCATCTGATGGCTCCGCTGTGTTTTAGATCTCCGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208448 representing NM_020601
 Red=Cloning site Green=Tags(s)

MSITSDEVNFLVYRYLQESGFSHAFTFGIESHISQSNINGTLVPPAALISILQKGLQYVEAEISINEDG
 TVFDGRPIESLSLIDAVMPDVVQTRQQAFREKLAQQQANAAAAAAAAAATATSTAATTPAAAAQQNPPKN
 GEATVNGEENGAHAINNHSKPMEDGDVEIPPSKATVLRGHESEVFICAWNVPVSDLLASGSGDSTARIWN
 LNENSNGGSTQLVLRHCIREGGHDVPSNKDVTSLDWNDSGTLTATGSDYGFARIWTEGDLASTLQGHKG
 PIFALKWNKKNYILSAGVDKTTIIWDAHTGEAKQQFPFHSAPALDWDWQNNNTFASCSTDMCIHVCRLG
 CDRPVKTFQGHTNEVNAIKWDPSGMLLASCSDMTLKIWSMKQDACVHDLQAHSKEIYTIKWSPTGPATS
 NPNSNIMLASASFDSTVRLWDVERGVCIHITLTKHQEPVYSVAFSPDGKYLASGSFDCVHIWNTQSGSLV
 HSYRGTGGIFEVCWNARGDKV GASASDGSVCVLDLRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9034_f05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_020601

ORF Size: 1581 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.

RefSeq: [NM_020601.2](#), [NP_065626.1](#)

RefSeq Size: 2302 bp

RefSeq ORF: 1584 bp

Locus ID: 21372

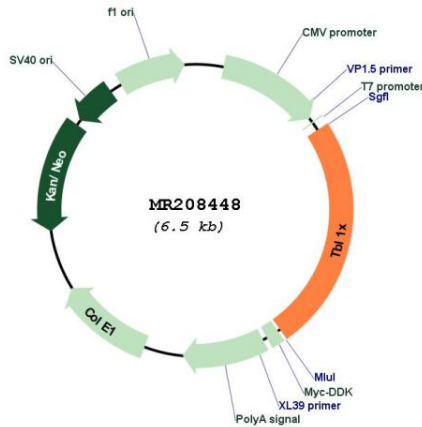
UniProt ID: [Q9QXE7](#)

Cytogenetics: X 38.31 cM

MW: 57.3 kDa

Gene Summary: F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of corepressor complexes that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of transcription repressor complexes, thereby allowing cofactor exchange (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208448