

Product datasheet for **MC217441**

Tbl1x (NM_020601) Mouse Untagged Clone

Product data:

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



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Fully Sequenced ORF: >MC217441 representing NM_020601
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCATTACCAGCGACGAGGTGAACCTTCTGGTATATCGCTACCTCCAGGAATCAGGTTTTTCCCACT
CTGCCTTCACGTTTGGGATCGAAAGTCACATTAGCCAGTCCAACATCAATGGTACACTAGTGCCACCGGC
TGCCCTAATCTCCATTCTTCAGAAAGGACTGCAGTATGTGGAGGCGGAGATCAGCATCAACGAGGATGGC
ACGGTATTTGATGGGCGTCCCATTGAGTCCCTATCGTTAATTGATGCTGTGATGCCCGATGTGGTACAGA
CAAGACAGCAAGCTTTTCGGGAGAACTTGCCAGCAGCAAGCCAATGCAGCAGCTGCAGCAGCAGCAGC
TGCAGCCACAGCCACAAGCACAGCGGCTACAACACCAGCAGCTGCTGCTCAGCAAACCCACCAAAGAAAT
GGAGAAGCCACCGTGAATGGGAAGAAAATGGAGCCCATGCAATAAATAACTCACTCAAAGCCAATGGAAA
TAGATGGAGACGTTGAAATTCACCGAGTAAAGCCACAGTCTTCGAGGCCATGAGTCTGAGGTCTTCAT
TTGTGCCTGGAATCCTGTTAGTGACCTACTTGCTTCTGGATCTGGAGACTCCACTGCGAGGATATGGAAC
CTTAATGAGAACAGCAACGGGGCTCCACACAGCTTGCTGCTGAGGCACTGTATACGTGAAGTGGACATG
ATGTTCCCAAGTAATAAGGATGCTCACTTCATTGGACTGGAATAGCGATGGAACACTGTTGGCAACAGGTTT
CTATGATGGTTTTGCAAGAATATGGACAGAAGATGGTAACCTAGCCAGCACCTTAGGTCAACATAAAGGT
CCCATCTTTGCTTTGAAGTGGAAACAAAAGGGGAATTATATTTTGGAGTGTGGTGTAGACAAGACAACAA
TAATTTGGGACGCTCACACAGGAGAAGCCAAACAACAGTTTCTTTTCATTTCAGCACCTGCCCTTGATGT
GGACTGGCAGAACAACACTACCTTTGCCTCATGCAGCAGACATGTGCATTCAATGTGTGCAGGCTTGGC
TGTGATCGCCAGTCAAACCTTCCAAGGACATACTAATGAGGTCAATGCTATCAAATGGGATCCTTCTG
GAATGTTACTAGCCTCCTGCTCTGATGACATGACATTAAGATCTGGAGTATGAAGCAGGATGCATGTGT
CCATGACCTCCAGGCTCACAGCAAAGAGATATATACCATCAAGTGGAGTCCCACAGGACCAGCCACCAGC
AACCCGAACCTCAAACATCATGTTAGCAAGTGCTTCATTTGACTCTACGGTTCGACTGTGGGATGTGGAGC
GAGGTGTTTGCATCCACACTCTGACCAAGCATCAGGAGCCTGTCTATAGTGTAGCGTTTCAGCCCCGACGG
GAAGTATTTGGCCAGTGGATCTTTTGACAAGTGTGCCATATCTGGAATACTCAGAGTGGAACTCTCGTC
CACAGCTACCGAGGAACAGGCGGCATATTTGAGGTGTGCTGGAATGCTCGAGGAGACAAAGTGGGTGCCA
GCGCATCTGATGGCTCCGCTGTGTTTTAGATCTCCGAAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_020601

Insert Size: 1584 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: [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

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]