

Product datasheet for **MR217645**

Tbl1xr1 (NM_030732) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Tbl1xr1 (NM_030732) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Tbl1xr1 |
| Synonyms: | 8030499H02Rik; A630076E03Rik; AW539987; C21; C230089I12Rik; DC42; Ira1; TBLR1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR217645 representing NM_030732
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTATAAGCAGTGATGAGGCAACTCTTGGTATATAGTACTTGCAAGAGTCAGGATTTCTCATT
 CTGCGTTTACCTTTGGTATAGAGAGCCATATAAGTCAGTCCAACATAAATGGTGCCTGGTTCCACCCGC
 TGCACTCATCTCTATCATCCAGAAAGCCCTGCAGTATGTAGAGGCAGAAGTTAGCATAAATGAGGATGGC
 ACCTTATTTGATGGTCGACCCATCGAGTCTCTGTCCCTGATAGATGCTGTTATGCCCGATGATGCCAAA
 CAAGACAACAAGCCTACAGAGACAAGCTTGACAGCAGCATGCAGCCGACGCCGCTGCCGCTGCTGCCGC
 CACTAACCAGCAAGGATCTGCAAAAAATGGAGAGAATACAGCAAATGGGGAGGAGAATGGAGCACATACC
 ATCGCAAATAATCACACTGACATGATGGAAGTAGATGGGGATGTGGAATCCCTTCCAATAAAGCGGTTG
 TGCTTCGGGGCCATGAATCTGAAGTTTTCATCTGTGCCTGGAACCCTGTTAGTGATCTCCTGGCATCAGG
 GTCTGGAGACTCCACGGCAAGAATCTGGAACCTCAGTGAGAACAGCAGAGTGGCCCTACGCAGCTCGTG
 CTTAGACTGCATACGGGAAGGAGGGCAGGACGTGCCAGTAACAAGGATGTCACGTCTCTAGATTGGA
 ATAGTGAAGGTACTTCTAGCAACTGGGTCAATGATGGATTTGCCAGAATATGGACTAAAGATGGTAA
 TCTTGCCAGCACCTTGGGGCAGCATAAAGGTCCTATATTTGCATTAATAAAGAAAGGAAATTTTC
 ATCCTAAGTGCTGGCGTAGATAAGACCACCATCTTTGGGATGCGCATACTGGTGAAGCCAAGCAGCAGT
 TTCCTTTCCATTCAGCCCCAGCATTGGATGTTGACTGGCAGAGCAACAACACCTTTGCATCTTGTAGTAC
 AGATATGTGCATTACGCTCTGCAAATAGGACAAGACAGACCTATCAAAACATTCAGGGACACACGAAT
 GAAGTAAATGCTATCAAATGGGACCAACTGGCAATCTCCTAGCCTCCTGTTGATGACATGACATTGA
 AGATCTGGAGTGAAGCAAGATAACTGTGCCATGATTTGCAAGCACATAATAAAGAAATTTATACTGA
 TAAGTGGAGTCCAACAGGACCAGGGACAATAATCCAAATGCCAACCTTATGCTAGCAAGTGCATCCTTT
 GATTCTACAGTTAGGTTATGGGCGTAGACAGAGGGATTTGCATCCATACTTTGACAAAACATCAAGAGC
 CCGTGTACAGTGTGGCTTTTAGTCTGATGGCAGGTATCTGGCAAGTGGTTCTTTTGACAAGTGTGTGCA
 CATCTGGAACACACAGACAGGTGCTCTAGTTCACAGTTACAGGGGAACAGGTGGAATTTTGAAGTTTGC
 TGGAACGCAGCAGGAGACAAAGTTGGAGCCAGTCTCGGACGGTTCAGTTTGTGTCTTAGACCTTCGGA
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217645 representing NM_030732
 Red=Cloning site Green=Tags(s)

MSISSDEVNFLVYRYLQESGFSHSAFTFGIESHISQSNINGALVPPAALISIIQKGLQYVEAEVSINEDG
 TLFDRPIESLSLIDAVMPDVVQTRQQAYRDKLAQQHAAAAAAAAAATNQGSAGKNGENTANGEENGAHT
 IANNHTDMEVDGDVEIPSNKAVVLRGHESEVFI CAWNPVSDLLASGSGDSTARIWNLSENSTSGPTQLV
 LRHCIREGGQDVPSNKDVTSLDWNSEGTLATGSYDGFARIWTKDGNLSTLGQHKGPFIKALKWNKGNF
 ILSAGVDKTTIIWDAHTGEAKQQFPFHSAPALVDWQSNNTFASCSTDMCIHVCKLQDRPIKTFQGHTN
 EVNAIKWDPTGNLLASCSDDMTLKIWSMKQDNCVHDLQAHNKEIYTIKWSPTGPGTNNPNANMLASASF
 DSTVRLWDVDRGICIHITLTKHQEPVYSVAFSPDGRYLASGSFDKCVHIWNTQTGALVHSYRGTGGIFEV
 WNAAGDKV GASASDGSVCVLDLRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9036_b09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_030732

ORF Size: 1542 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_030732.3](#), [NP_109657.2](#)

RefSeq Size: 8127 bp

RefSeq ORF: 1545 bp

Locus ID: 81004

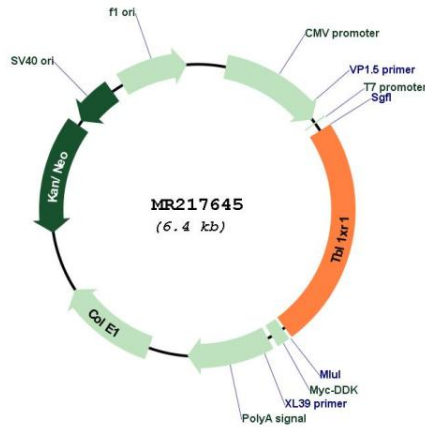
UniProt ID: [Q8BHI5](#)

Cytogenetics: 3 A3

MW: 56.1 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 the N-Cor corepressor complex that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of N-Cor complex, thereby allowing cofactor exchange, and transcription activation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217645