

## Product datasheet for MR201767

### Tbpl1 (BC033926) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbpl1 (BC033926) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tbpl1  
**Synonyms:** 4732475G08, TLF, TRP, TRF2, STD  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201767 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATGCAGACAGTGATGTTGCATTGGACATTTAATTACAAATGTAGTCTGTGTTTTAGAACAGAT  
 GCCATTTGAAGCTAAGGAAGATTGCTTTGGAGGGAGCAAATGTAATTTATAAGCGTGATGTTGGGAAAGT  
 ATTAATGAAGCTTAGAAAACCTAGAATTACAGCTACAATTTGGTCCTCAGGAAAAATTATTTGCACTGGA  
 GCAACAAGTGAAGAAGAAGCTAAATTTGGTGCCAGACGTTTAGCCCGTAGTCTGCAGAACTAGGTTTTCT  
 AGGTCATCTTACAGATTTAAGGTGGTGAATGTTTTGGCAGTGTGAACATGCCCTTTGAGATCCGTTT  
 GCCAGAATTTACAAAGAACAATAGACCTCATGCCAGCTATGAACCTGAACCTCATCCTGCCGTGTGCTAT  
 CCGATAAAGTCTCTAAGAGCTACATTACAGATATTTTCAACAGGAAGCATCACAGTGACAGATCATGTAA  
 ATGATCGAGTTCCGTGGGCTAATTACTACTATTGCATGGCCTCATCACCTGATGCCTGCCCCAGAATC  
 CTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201767 protein sequence  
 Red=Cloning site Green=Tags(s)

MDADSDVALDILITNVVCFVFRTRCHLNLRKIALEGANVIYKRDVGKVLMLRKPRTATIWSSGKIICTG  
 ATSEEEAKFGARRLARSQKLGQVIFDFKVVNVLAVCNMPFEIRLPEFTKNNRPHASYEPHLPVAVCY  
 RIKSLRATLQIFSTGSITVTDHVNDRVPWANYYYYIAWPHHLMPEPESC

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC033926

ORF Size: 564 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: [BC033926](#), [AAH33926](#)

RefSeq Size: 1338 bp

RefSeq ORF: 566 bp

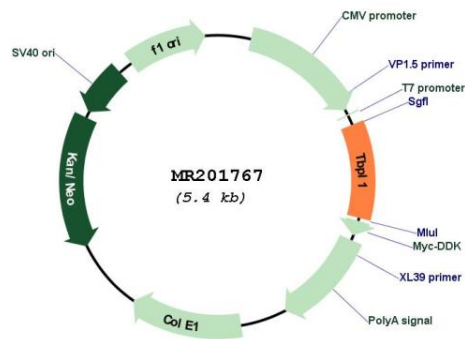
Locus ID: 237336

Cytogenetics: 10 A3

MW: 21.4 kDa

Gene Summary: Part of a specialized transcription system that mediates the transcription of most ribosomal proteins through the 5'-TCT-3' motif which is a core promoter element at these genes (By similarity). Seems to also mediate the transcription of NF1. Does not bind the TATA box. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR201767