

Product datasheet for **MG201767**

Tbpl1 (BC033926) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbpl1 (BC033926) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tbpl1
Synonyms: 4732475G08, TLF, TRP, TRF2, STD
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201767 representing BC033926
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCAGACAGTGATGTTGCATTGGACATTTAATTACAAATGTAGTCTGTGTTTTAGAACAAAGAT
GCCATTTGAACCTAAGGAAGATTGCTTTGGAGGGAGCAAATGTAATTTATAAGCGTGATGTTGGGAAAGT
ATTAATGAAGCTTAGAAAACCTAGAATTACAGCTACAATTTGGTCCTCAGGAAAAATTATTTGCACTGGA
GCAACAAGTGAAGAAGAAGCTAAATTTGGTGCCAGACGTTTAGCCCGTAGTCTGCAGAACTAGGTTTTCT
AGGTCATCTTACAGATTTAAGGTGGTGAATGTTTTGGCAGTGTGAACATGCCCTTTGAGATCCGTTT
GCCAGAATTTACAAAGAACAATAGACCTCATGCCAGCTATGAACCTGAACCTCATCCTGCCGTGTGCTAT
CGGATAAAGTCTCTAAGAGCTACATTACAGATATTTTCAACAGGAAGCATCACAGTGACAGATCATGTAA
ATGATCGAGTTCCGTGGGCTAATTACTACTACATTGCATGGCCTCATCACCTGATGCCTGCCCCAGAATC
CTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201767 representing BC033926
Red=Cloning site Green=Tags(s)

MDADSDVALDILITNVVCFVFRTRCHLNLRKIALEGANVIYKRDVGKVLMLRKPRTATIWSSGKIICTG
ATSEEEAKFGARRLARSQKLGQVIFTFDFKVVNVLAVCNMPFEIRLPEFTKNNRPHASYEPHLPVAVCY
RIKSLRATLQIFSTGSITVTDHVNDRVPWANYYYIAWPHHLMPEPESC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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

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]