

## Product datasheet for **MC227207**

### Tbpl2 (NM\_001289689) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbpl2 (NM\_001289689) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tbpl2  
**Synonyms:** Gm348; Trf3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227207 representing NM\_001289689  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTGGGCTCTCTCATCATGGAGGAGGACATATACCTGGACCTTCTCCTGGATCCTTATACCATCCAGG  
 ATGACTTTCCTCCAGCTATGTCTCAACTGTTCCAGCCAGGAGTGCCTTTAGACATGCACTCACTTCCATC  
 TAATCCAGAGACTGTGTTTCATCCACATCTTGGTGGAGTCAAAAAGGCATCCACTGACTTTTCATCTGTG  
 GATCTAAGCTTCTTACCAGATGAACTTACCCAAGAAAATAGAGACCAAAGTGCCTGAAACAAGCTGG  
 CAAGTGAGGAAAGCTGTAGGACTCGAGATCGACAAAGTCAGTTGCAAGTGCCTGAAACATGGCAGTGA  
 GCTGAACCTGAATAGCAACAGTTCACCAGATCCCCAGTCATGCCTGTGCTTTGATGATGCTCACTCCAAC  
 CAGCCCTCTCCAGAAACACCAAACCTCAATGCCTTACCTGTGGCATTGATAGCATCCATGATGCCAATGA  
 ACCCTGTTCCAGGATTTCTGGAATTGTGCCTCAATTACAGAATGTAGTTTCCACTGCAAATCTGGCCTG  
 TAAATTGGATCTGAGAAAAATAGCCCTGAATGCCAAAAACACAGAATATAACCCAAAGAGGTTTGTCTGCA  
 GTAATAATGAGGATCCGAGAGCCAAGGACAACAGCTCTCATCTTGTAGCTCTGGGAAAGTGGTCTGTACAG  
 GAGCCAAAAGTGAAGAGGAGTCTCGGCTGGCAGCGAGAAAGTATGCTCGTGTGGTGCAGAAGCTCGGTT  
 CCTGTCCAGATTTCAATTTTAAAAATTCAGAACATGGTTGGAAGCTGTGATGTGAAATTTCCCATCAGG  
 CTGGAGATTTTGGCACTAACCCATCGGCAGTTCAGTAGTTATGAACCTGAACTTTTCCCGGCCCTTATTT  
 ATAAGATGGTAAAACCACAGGTTGTGTTGCTAATCTTTGCATCTGGAAAAGTTGTGTTAACAGGTGCCAA  
 AGAGCGTTCTGAGATCTATGAAGCATTTGAAAACATGTATCCTATTCTAGAAAAGTTTAAAGAAAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001289689



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<b>Insert Size:</b>	1050 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001289689.1</a> , <a href="#">NP_001276618.1</a>
<b>RefSeq Size:</b>	1731 bp
<b>RefSeq ORF:</b>	1050 bp
<b>Locus ID:</b>	227606
<b>UniProt ID:</b>	<a href="#">Q6SJ95</a>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	<p>Transcription factor required in complex with TAF3 for the differentiation of myoblasts into myocytes. The complex replaces TFIIID at specific promoters at an early stage in the differentiation process.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter by an amino acid, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>