

## Product datasheet for **RN209154**

### Tbpl2 (NM\_001099361) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbpl2 (NM\_001099361) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tbpl2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN209154 representing NM\_001099361  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGGAGGACATGTACGTGGACATTTCTGGACCCTTATACCTTCCAGGATGACTTTCTCCAGCTA  
 CGTCTCAACTATTCAGCCAGGAGCGCCTTTAGATGTGCCACCTTAATCCATCCAATCCAGAGACTGT  
 ATTTCAATTCACATCTTGGTGCAGTCAAAAAGGCACCCAGTACTTTTCATCTGTGGATCTAAGCTTCTTA  
 CCAGATGAACCTACCCAAGAAAAATAAGACCGAACTGTCAGTGGAAACAAAGTCAAAATGAGGAAAGT  
 TTAGGACTCAAGATTGGCAAAGTCAGTTGCAGTTGCCTGATGAACAAGGCAGTGGGCTGAATGAATAG  
 CAACAGTTCACCAGATACCCAGTCACTGTGTGCTCTCATGATGCTGACTCCAACCAGCTCTCTCAGAA  
 ACACCAAATTCGAATGCCTTACCTGTGGTATTGATATCATCCATGACACCAATGAACCCTGTTACAGAAT  
 GTTCTGGAATTGTGCCTCAATTACAGAATGTAGTTTCCACTGCAAATCTGGCCTGTAATTTGGATCTGAG  
 AAAAATAGCTTTGAATGCCAAAAACACAGAATATAATCCAAAGAGGTTTGTGCTGAGTCAATGAGGATC  
 CGAGAGCCAAGGACCACAGCTCTTATTTAGCTCTGGGAAAGTGGTCTGTACAGGAGCCAAAAGTGAAG  
 ACGAGTCTCGGCTGGCAGCAAGAAAGTATGCTCGCGTGGTGCAGAAGCTGGGTTCCCGTCAGATTCTT  
 CAATTTAAAATTCAGAACATGGTTGCAAGCTGTGATGTGAAATTTCCATCAGGCTGGAGATTTTGCA  
 CTAACCCATCGGCAGTTCAGTAGTTATGAGCCTGAACTGTTCCCTGGCCTATTTATAAGATGGTGAAC  
 CGCAGTTGTGCTGCTCATCTTTGCATCTGGAAAGGTTGTACTGACAGGTGCCAAAGAGCGTTCTGAGAT  
 CTACGAAGCATTTGAAAACATGTATCCTATTCTAGAAAAGTTTTAAGAAAGT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001099361



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<b>Insert Size:</b>	1035 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>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>	<u><a href="#">NM_001099361.1</a></u> , <u><a href="#">NP_001092831.1</a></u>
<b>RefSeq Size:</b>	1035 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	680050
<b>UniProt ID:</b>	<u><a href="#">A6H909</a></u>
<b>Cytogenetics:</b>	3p13
<b>Gene Summary:</b>	Transcription factor required in complex with TAF3 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process (By similarity).[UniProtKB/Swiss-Prot Function]