

## Product datasheet for **MC209496**

### **Tbxa2r (NM\_009325) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbxa2r (NM\_009325) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tbxa2r  
**Synonyms:** T; TP; TXA2-R  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209496 representing NM\_009325  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTGGCCAATGGCACCTCGTGGGGCCTGCTTTCGCCGGTGAACATCAGCTGCAGGAGCGACGTG  
CCATCGCGTCGCCATGGTTCGCTGCGTCTTTTGC GCGCTGGGCCTGGGTCCAACCTGCTGGCACTGAG  
TGTGCTGGCTGGGGCGCGCCCGCGCGGGACCCGCTCTCCTCCTCGCTCTGCTGTGGCCCTTGT  
CTACCGACTTCCTGGGGCTGCTAGTCACCGCGCCATCGTGGCGTCGCAACACGCTGCCTTGTGGACT  
GGCGAGCCACTGACCCAGCTGCCGCTGTGCTACTTCATGGGGGTAGCTATGGTGTTCCTCGGGCTGTG  
TCCCTGCTCCTGGGGCCGCCATGGCCTCTGAGCGCTTCGTGGGCATCACACGGCCCTTCTCACGACC  
ACGGCCACATCGCGCCGCGCCTGGGCTACTGTGCGGGTGGTGTGGGTGGCGCCGGGCACTCGGGCTGC  
TGCCACTACTGGGGCTTGCCGCTACAGTGTGCAGTACCCGGCTCTTGGTGTTCCTGACACTCGGGAC  
ACAGCGCGGTGACGTGGTCTTCGGGCTCATATTCGCACTCCTGGGCAGCGCTCCGTGGGGCTGTCCCTC  
CTGCTCAACACCGTTAGTGTGGCCACACTTGCCGGGTCTACCACACGCGGAGGCCACACAGCGCCAC  
GGGACTGCGAGGTGGAGATGATGGTTCAGCTCGTGGGCATCATGGTGGTGGCCACGGTGTGTTGGATGCC  
CTTGCTGGTCTTCATCATGCAGACTTGTGTCAGACACCACCTGTCATGAGCTTCTCTGGGCAGCTGTTG  
CGGGCCACAGAGCACCAGCTGCTCATCTACCTGCGTGTGGCCACCTGGAACCAGATCTTGGACCCCTGGG  
TCTATATCCTCTTTCGCCGGTCTGTGCTCCGGCCTGCATCCGCGGTTCAAGTTCACAGCTCCAGGCTGT  
GTCCTTGC CGCCCTCCAGCCAGGCCATGCTCAGTGGACCC**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009325



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<b>Insert Size:</b>	1026 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>	<a href="#">NM_009325.4</a> , <a href="#">NP_033351.1</a>
<b>RefSeq Size:</b>	1963 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	21390
<b>UniProt ID:</b>	<a href="#">P30987</a>
<b>Cytogenetics:</b>	10 39.72 cM
<b>Gene Summary:</b>	<p>This gene encodes a multi-pass membrane protein that functions as a G-protein coupled receptor. The encoded protein binds thromboxane A2, resulting in the aggregation of platelets and constriction of blood vessels. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Mar 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1-3 encode the same protein.</p>