

Product datasheet for RN211531

Tbxa2r (NM_017054) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tbxa2r (NM_017054) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tbxa2r
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN211531 representing NM_017054
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCTCAACAGCACCTCGTGGGGGCATGCTTCCGCCAGTGAACATCACGCTGCAGGAGCGACGTG
 CCATCGCGTCGCCATGGTTTCGCGGCATCCTTCTGCGCACTGGGCTGGGTCCAACCTGCTGGCGCTGAG
 TGTGCTGGCCGGGGCGCGACCTGGGGCGGGACCCCGCTCCTCCTTCTCGCTTTGCTGTGCGGCCCTGTC
 CTCACCGACTTCTGGGGCTGCTGGTCACCGCGCTGTCGTGGCGTCGCAACACGCCCTTGTGGACTG
 GCGTGCCACTGATCCCGTTGCCGCTTGGCACTTTCATGGGCGCGCCATGGTGTCTTCGGGCTGTG
 TCCCTGCTCCTGGGGCGCGATGGCTGCAGAGCGCTTCGTGGGCATCACACGCCCTTCTCACGACCC
 GCAGCCACGTCGCGCCGCGCTGGGCCACTGTGGGCTGGTGTGGGTGGGGCCGGGACTCTCGGGCTGC
 TGCCACTGCTGGGGCTCGGCCGCTACAGTGTGCACTACCCGGCTCCTGGTGTCTTCTGACTCTTGGGGC
 GGGACGCGCGACGTGGCCTTCGGGCTCATGTTTGTCTCCTGGGCGAGCGTGTCCGTGGGGCTGTCCCTC
 CTGCTCAACACCGTGAGCGTGGCCACGCTTCCCGCTTACCATGCGCGGAGGCCACACAGCGCCCCC
 GGGACTGTGAGGTGGAGATGATGGTTACGCTCGTAGGCATCATGGTGGTGGCCACGGTGTGTGGATGCC
 CTTGCTGGTCTCATCCTGCAGACCTTGTGCAGACGCTACCTGTGATGACCCCTCCGGACAGCTGTTG
 CGGACCACGGAGCGCAACTGCTCATCTACCTACGCGTGGCCACATGGAACCAGATCTTGGACCCCTGGG
 TCTACATCCTTCCGTAGTCCGTGCTTCGACGCTGCATCCAAGGTTCACTTCCAGCTCCAGGCTGT
 GTCCTTGCCTCACCCCCACACAGGCCATGCTCAGTGGACCC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_017054



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Insert Size:	1026 bp
OTI Disclaimer:	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).
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:	<ol style="list-style-type: none">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:	<u>NM_017054.1</u> , <u>NP_058750.1</u>
RefSeq Size:	1880 bp
RefSeq ORF:	1026 bp
Locus ID:	24816
UniProt ID:	<u>P34978</u>
Cytogenetics:	7q11
Gene Summary:	binds thromboxane and induces an increase in cytosolic Ca ²⁺ levels; may play a role renal electrolyte metabolism; may mediate vascular smooth muscle cell contraction and proliferation [RGD, Feb 2006]