

Product datasheet for MC227136

Tbxa2r (NM_001277265) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbxa2r (NM_001277265) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbxa2r
Synonyms:	T; TP; TXA2-R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227136 representing NM_001277265 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCCCAATGGCACCTCGTGGGGCCTGCTTTCGCCGGTGAACATCACGCTGCAGGAGCGACGTG
CCATCGCGTCGCCATGGTTCGCTGCGTCTTTTGC GCGCTGGGCCTGGGGTCCAACCTGCTGGCACTGAG
TGTGCTGGCTGGGGCGCGGCCCGCGGGACCCCGCTCCTCCTCCTCGCTCTGCTGTGCGGCCTTGT
CTCACCGACTTCTGGGGCTGCTAGTACCGGGCCCATCGTGGCGTCGCAACACGCTGCCTTGTGGACT
GGCGAGCCACTGACCCAGCTGCCGCTGTGCTACTTCATGGGGTAGCTATGGTGTCTTCGGGCTGTG
TCCCTGCTCCTGGGGCGGCCATGGCCTCTGAGCGCTTCGTGGGCATCACACGGCCCTTCTCACGACCC
ACGGCCACATCGCGCCGCGCCTGGGCTACTGTCCGGCTGGTGTGGGTGGCGGCCGGGCACTCGGGCTGC
TGCCACTACTGGGGCTTGCCCGCTACAGTGTGCAGTACCCGGCTCTTGGTGTCTCTGACACTCGGGAC
ACAGCGCGGTGACGTGGTCTTCGGGCTCATATTCGCACTCCTGGGCAGCGCTCCGTGGGGCTGTCCCTC
CTGCTCAACACCGTTAGTGTGGCCACACTTCCGGGTCTACCACGCGCGAGGCCACACAGCGCCAC
GGGACTGCGAGGTGAGATGATGGTTCAGCTCGTGGGCATCATGGTGGTGGCCACGGTGTGTGGATGCC
CTTGCTGGTCTTCATCATGCAGACTTTGTTGCAGACACCACCTGTGATGAGCTTCTGCGGACGCTGTTG
CGGGCCACAGACACCAGCTGCTCATCTACCTGCGTGTGGCCACCTGGAACCAGATCTTGGACCCCTGGG
TCTATATCCTCTTTCGGCGGTCTGTGCTCCGGCGCCTGCATCCGCGGTTCAAGTTCACAGCTCCAGGCTGT
GTCTTGC CGCGCCTCCAGCCAGGCCATGCTCAGTGGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001277265
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277265.1</u> , <u>NP_001264194.1</u>
RefSeq Size:	1809 bp
RefSeq ORF:	1026 bp
Locus ID:	21390
UniProt ID:	<u>P30987</u>
Cytogenetics:	10 39.72 cM
Gene Summary:	<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 (2) lacks an alternate exon in the 5' UTR, compared to variant 1. Variants 1-3 encode the same protein.</p>