

Product datasheet for SC111034

Thromboxane A2 receptor (TBXA2R) (NM_001060) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thromboxane A2 receptor (TBXA2R) (NM_001060) Human Untagged Clone
Tag:	Tag Free
Symbol:	Thromboxane A2 receptor
Synonyms:	BDPLT13; TXA2-R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111034 sequence for NM_001060 edited (data generated by NextGen Sequencing)

```

ATGTGGCCCAACGGCAGTTCCTGGGGCCCTGTTCCGGCCCAACAACATTACCCTGGAG
GAGAGACGGCTGATCGCCTCGCCCTGGTTCGCCGCTCCTTCTGCGTGGTGGGCCTGGCC
TCCAACCTGCTGGCCCTGAGCGTCTGGCGGGCGCGGGCAGGGGGTTTCGCACACGCGC
TCTCCTTCTCACCTTCTCTGCGGCCTCGTCCTCACCGACTTCTGGGGCTGTGGTG
ACCGGTACCATCGTGGTGTCCCAGCACGCCGCGCTCTTCGAGTGGCACTCCGTGGACCCT
GGCTGCCGTCTGTGCTTCATGGGCGTGTGTCATGATCTTCTTCGGCCTGTCCCCGCTG
CTGCTGGGGGCCCATGGCCTCAGAGCGCTACCTGGGTATCACC GGCCCTTCTCGCGC
CCGGCGGTGCGCTCGCAGCGCCGCGCTGGGCCACCGTGGGGCTGGTGTGGCGGGCCGCG
CTGGCGTGGGCCTGCTGCCCCGCTGGGCGTGGGTGCTACACCGTGAATACCCGGGG
TCCTGGTCTTCTGACGCTGGGCGCCGAGTCCGGGGACGTGGCCTTCGGGCTGCTCTTC
TCCATGCTGGGGCGCCTCTCGGTGCGGGCTGTCTTCTGCTGAACACGGTCAGCGTGGCC
ACCCTGTGCCACGTCTACCACGGGCAGGAGGCGGCCAGCAGCGTCCCCGGGACTCCGAG
GTGGAGATGATGGCTCAGCTCCTGGGATCATGGTGGTGGCCAGCGTGTGTTGGCTGCC
CTTCTGGTCTTATTGCCAGACAGTGTGCGAAACCCGCTGCCATGAGCCCCGCGGG
CAGCTGTCCCGCACCCAGGAGAAGGAGCTGCTCATCTACTTGC GCGTGGCCACCTGGAAC
CAGATCCTGGACCCTGGGTGTATATCTGTTCGCCCGCGCCGTGCTCCGGCGTCTCCAG
CCTCGCCTCAGCACCCGGCCAGGTGCTGTCCCTCCAGCCCCAGCTCACGCAGCGCTCC
GGCTGCAGTAG

```

Clone variation with respect to NM_001060.5
289 g=>t;795 c=>t



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001060 unedited
 GGCGCGGGACACAACTCTCNGCCCCCTTTTCAAATTTGNATACTATCATATAGGC
 GGCCGCGNAATTCGCACGAGCGGCCCCACCCGTCCCAGCTCGGCTTAGCCCCGCGGAC
 CCCTCCAGGCCGACCCAGGGCGTCTGTGCCGCCACGCCCTCATCTGTGTGGGTCC
 TCTGTGGGCCCGCCCTGGTACAGCCAGACTGACTCAGTTTCCCTGGGAGTCCCCTG
 CGAGCCCGTCTTCCCCTCCCCTGCCCCCCCCAGCCCTGCCCCACCCTCGGCCCGG
 CACATCTGCCTGCTCAGTCCAGACGGCGCCGACCCCGGGCGCGGGATCCAGCCAGG
 TGGGAGCCCCGACAGATGAGGTCTCTGAAGGTGTGCCTGAACCAAGTGCCAGCCTGCCCTGT
 CTGCAGCATCGGCCTGATGGGGTGGTACTGATCCCTCAGGGCTCCGGAGCCATGTGGCC
 CAACGGCAGTTCCCTGGGGCCCTGTTTCCGGCCCAAAACATTACCCTGGAGGAGAGACG
 GCTGATCGCCTCGCCCTGGTTCGCCGCTCCTTCTGCGTGGTGGGCTGGCTCCAACCT
 GCTGGCCCTGAGCGTGTGGCGGGCGCGGCGAGGGGGTTTCGCACACGCGCTCCTCCTT
 TCTCACCTTCTGCGGCTCGTCTCACCGACTTCTGGGGTGTGGTGACCGGTAC
 CATCGTGGTGTCCAGCACGCCGCGCTTTCGAGTGGCACTCCGTGGACCCTGGTGCCG
 TCTCTGTCGCTTATGGGCGTGTGATGATCTTCTCCGCTGTCCCCGCTGCTGTGGG
 GGCCGCCATGGCCTCAGAGCGCTACCTGGGTATAACCCCGGCCCTCTCGGCCCGGNGG
 GCGCCCTCGCAGCGCCGG

3' Read Nucleotide Sequence:

>Forward primer walk for NM_001060 unedited
 NTGNNNCCTGCTGGGNCGTGGNNGTCGCTACACCGTGAATACCCGGGGTCTGGTNGCT
 TCCTGAGCTGGGCGCGAGTCCGGGGACGTGGCCTTCGGGCTGCTTCTCCAGTGGGC
 GGCTTCCGGTCCGGCTGTCCTTCTGCTGAACACGGTCAGCGTGGCCACCCTGTGCCAC
 GTCTACCACGGGCAGGAGCGGGCCAGCAGCGTCCCCGGGACTCCGAGGTGGAGATGATG
 GCTCAGCTCCTGGGGATCATGGTGGTGGCCAGCGTGTGTTGGCTGCCCTTCTGGTCTTC
 ATTGCCAGACAGTGTGCGAAACCCGCTGCCATGAGCCCCGCGGGCAGCTGTCCCGC
 ACCACGGAGAAGGAGCTGCTCATCTACTTGCAGCTGGCCACCTGGAACCAGATCCTGGAC
 CCCTGGGTGTATATCCTGTTCCGCCGCGCCGTGCTCCGGCGTCTCCAGCCTCGCCTCAGC
 ACCCGGCCAGGTGCTGTCCTCCAGCCCCAGCTCACGCAGCGCTCCGGGCTGCAGTAG
 GAAGTGGACAGAGCGCCCTCCCGCGCCTTCCGCGGAACCCCTGGCCCCCGGACAGCC
 CATCTGCCTGTTCTGAGGATTAGGGGCTGGGGTGGCTGAAGGGCCAGGGGGCATCAGC
 AACAGGGTTTTGGGGTTGACCCGATCGAATCCGGGGAACCCCAAACCTCCCCCTGGTC
 CTCTTTACACATGATCTAGCTTTTTTTTTGTCCCCCTTTTCCCAACCCAGAATCGACG
 AAACCCAGTGTTGAAAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_001060

Insert Size:

2600 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:	NM_001060.3 , NP_001051.1
RefSeq Size:	1414 bp
RefSeq ORF:	1032 bp
Locus ID:	6915
UniProt ID:	P21731
Cytogenetics:	19p13.3
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction
Gene Summary:	<p>This gene encodes a member of the G protein-coupled receptor family. The protein interacts with thromboxane A2 to induce platelet aggregation and regulate hemostasis. A mutation in this gene results in a bleeding disorder. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (a) represents the longer transcript but encodes the shorter isoform (alpha).</p>