

Product datasheet for **SC202951**

TBXAS1 (NM_001166253) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TBXAS1 (NM_001166253) Human 3' UTR Clone
Symbol:	TBXAS1
Synonyms:	BDPLT14; CYP5; CYP5A1; GHOSAL; THAS; TS; TXAS; TXS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001166253
Insert Size:	224 bp
Insert Sequence:	>SC202951 3'UTR clone of NM_001166253 The sequence shown below is from the reference sequence of NM_001166253. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GGTGTCTATATCAAGATCGTATCCCG TG ACAGAAAGGCTGCCGGTGGGGGGAGGGCACCCCAAAT TCAAAGAAAACCTAAGTGTGGATGTT CAGA ATTTGGAAAAATGCTACTGAAGTGATTGAAAGAGTGC CTGGCATGCAAGGATAAGAGTTCTTTACATAACATTTCTAAATGCTTAATAAACGTTTGTGCACTT GGTTTTGACATTGCCAA ACGCGT AAGCGCGCGCGCATCTAGATT CGA AGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTT CG ATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001166253.4</u>



Summary:

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to thromboxane A2, a potent vasoconstrictor and inducer of platelet aggregation. The enzyme plays a role in several pathophysiological processes including hemostasis, cardiovascular disease, and stroke. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Locus ID:

6916

MW:

8.3