

## TBXAS1 抗原（重组蛋白）

中文名称： TBXAS1 抗原（重组蛋白）

英文名称： TBXAS1 Antigen (Recombinant Protein)

别名： TS; TXS; CYP5; THAS; TXAS; CYP5A1; GHOSAL; BDPLT14

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human TBXAS1

技术规格：

<b>Full name:</b>	thromboxane A synthase 1 (platelet)
<b>Synonyms:</b>	TS; TXS; CYP5; THAS; TXAS; CYP5A1; GHOSAL; BDPLT14
<b>Swissprot:</b>	P24557
<b>Gene Accession:</b>	BC014117
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.

ity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostaglandin H<sub>2</sub> to thromboxane A<sub>2</sub>, 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.