

## Recombinant Human TBXAS1

Catalog No: #GP11427

Package Size: #GP11427-1 100ug

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## Description

Product Name	Recombinant Human TBXAS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human thromboxane A synthase 1 (platelet)
Target Name	thromboxane A synthase 1 (platelet)
Other Names	TS; TXS; CYP5; THAS; TXAS; CYP5A1; GHOSAL; BDPLT14
Accession No.	Swissprot:P24557Gene Accession:BC014117
Uniprot	P24557
GenelD	6916;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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