

Recombinant Human TBXAS1, GST-tagged

Cat. No. TBXAS1-3146H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBXAS1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-290aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	TBXAS1 thromboxane A synthase 1 (platelet) [Homo sapiens]
Official Symbol	TBXAS1
Synonyms	TBXAS1; thromboxane A synthase 1 (platelet); thromboxane A synthase 1 (platelet, cytochrome P450, subfamily V); thromboxane-A synthase; CYP5; CYP5A1; cytochrome P450; family 5; subfamily A; polypeptide 1; THAS; TS; TXAS; TXS; TXA synthase; cytochrome P450 5A1; platelet, cytochrome P450, subfamily V; cytochrome

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P450, family 5, subfamily A, polypeptide 1; thromboxane A synthase 1 (platelet, cytochrome P450, family 5, subfamily A); GHOSAL; BDPLT14; FLJ52771;

Gene ID

[6916](#)

mRNA Refseq

[NM_001061](#)

Protein Refseq

[NP_001052](#)

MIM

[274180](#)

UniProt ID

[P24557](#)

**Chromosome
Location**

7q34-q35

Pathway

Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P450 - arranged by substrate type, organism-specific biosystem; Eicosanoid Synthesis

Function

electron carrier activity; heme binding; isomerase activity; metal ion binding; monooxygenase activity; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen; thromboxane-A synthase activity;

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