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℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 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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