

Recombinant Human TBXAS1 293 Cell Lysate

Cat. No. TBXAS1-1196HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for thromboxane A synthase 1 (platelet) (TBXAS1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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 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

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metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P450 - arranged by substrate type, organism-specific biosystem; Eicosanoid Synthesis, organism-specific biosystem; Eicosanoids, organism-specific biosystem; Metabolic pathways, organism-specific biosystem;

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