

## Recombinant Human TBXA2R protein, His & T7-tagged

Cat. No. TBXA2R-8092H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TBXA2R aa. (Pro3~Ser324 (Accession # P21731)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro3~Ser324
<b>Description</b>	This gene encodes a member of the G protein-coupled receptor family. The protein interacts with thromboxane A2 to induce platelet aggregation and regulate hemostasis. A mutation in this gene results in a bleeding disorder. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 38.7kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.5.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP

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**Stability**

The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

**GENE INFORMATION**

**Gene Name**

TBXA2R thromboxane A2 receptor [ Homo sapiens (human) ]

**Official Symbol**

TBXA2R

**Synonyms**

TXA2-R; BDPLT13; prostanoid TP receptor; thromboxane A2 receptor

**Gene ID**

6915

**mRNA Refseq**

NM\_001060.5

**Protein Refseq**

NP\_001051.1

**UniProt ID**

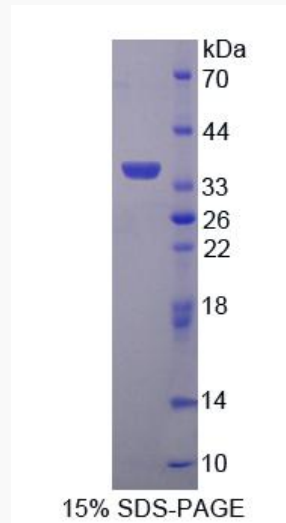
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**SDS-PAGE**



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