

Recombinant Human TBXA2R protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TBXA2R aa. (Pro3~Ser324 (Accession # P21731)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro3~Ser324
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.
Applications	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 ₂ O.

GENE INFORMATION

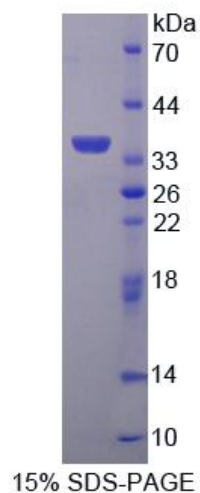
Gene Name	TBXA2R thromboxane A2 receptor [Homo sapiens (human)]
Official Symbol	TBXA2R
Synonyms	TXA2-R; BDPLT13; prostanoid TP receptor; thromboxane A2 receptor
Gene ID	6915
mRNA Refseq	NM_001060.5
Protein Refseq	NP_001051.1
UniProt ID	P21731

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SDS-PAGE



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