

Recombinant Rat Thpo protein, His & T7-tagged

Cat. No. Thpo-575R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Thpo aa. (Val24~Ser266 (Accession # P49745)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val24~Ser266
Description	Membrane-bound glycoprotein; iodinates tyrosine residues in thyroglobulin to generate biologically active thyroid hormones T3 and T4.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 10.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate 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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Thpo thrombopoietin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Thpo

Synonyms

thrombopoietin

Gene ID

81811

mRNA Refseq

NM_031133.2

Protein Refseq

NP_112395.1

UniProt ID

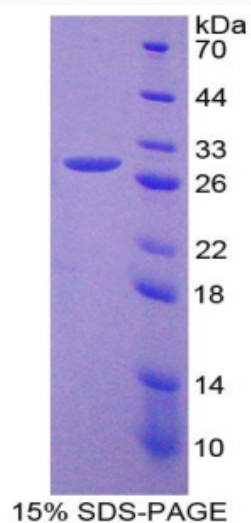
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SDS-PAGE



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