

## Active Recombinant Human THPO protein

Cat. No. THPO-0750H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human THPO protein(Ser22-Gly353), fused with N/A tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-353 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Human Thrombopoietin R, His Tag captured on CM5 Chip via anti-His antibody can bind Human Thrombopoietin, premium grade with an affinity constant of 14.9 nM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	This protein carries no "tag" The protein has a calculated MW of 35.6 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser22-Gly353
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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