

Active Recombinant Human THPO protein

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

SPECIFICATION

Product Overview	Recombinant Human THPO protein(Ser22-Gly353), fused with N/A tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-353 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	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).
Molecular Mass	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.
Proteinlength	Ser22-Gly353
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>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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