

Active Recombinant Human THPO protein, His-tagged, Biotinylated

Cat. No. THPO-216HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THPO protein mature form (NP_000451.1) (Ser22-Gly353), fused with a polyhistidine tag at the N-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	22-353 a.a.
Predicted N Terminal	Ser 22
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Bio-activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 10-60 ng/ml.
Molecular Mass	The recombinant human THPO consists of 348 amino acids and predicts a molecular mass of 37.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin
GENE INFORMATION	
Official Symbol	THPO
Synonyms	THPO; MGDF; MKCSF; ML; MPLLG; THCYT1; TPO
Protein Refseq	NP_000451.1

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