

Active Recombinant Cynomolgus THPO protein, His-tagged

Cat. No. THPO-1163C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus THPO protein(XP_005546625.1)(Met1-Gly353), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Gly353
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 4-20 ng/mL.
Molecular Mass	The recombinant cynomolgus THPO consists of 343 amino acids and has a calculated molecular mass of 36.8 kDa. The apparent molecular mass of the recombinant protein is approximately 70-80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 86 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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