

Active GMP Recombinant Human THPO protein, Fc-tagged

Cat. No. THPO-432HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human THPO protein(NP_000451.1)(412 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human TPO(NP_000451.1) was expressed with Fc tag at the C-terminal.
Bio-activity	$\geq 5 \times 10^5$ U/mg
Molecular Mass	Recombinant Human THPO contains 412 aa. It has a predicted MW of 45.6 kDa.
Endotoxin	≤ 0.01 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
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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GENE INFORMATION

Gene Name	THPO thrombopoietin [Homo sapiens (human)]
Official Symbol	THPO
Synonyms	ML; TPO; MGDF; MKCSF; MPLLG; THCYT1
Gene ID	7066
mRNA Refseq	NM_000460.4
Protein Refseq	NP_000451.1
MIM	600044
UniProt ID	P40225

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