

Recombinant Human THPO Protein, GMP Grade, Animal-Free

Cat. No. THPO-41HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human THPO protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
Species	Human
Source	E.coli
Description	TPO is a lineage-specific growth factor produced in the liver, kidney and skeletal muscle. It stimulates the proliferation and maturation of megakaryocytes, and promotes increased circulating levels of platelets in vivo. TPO signals through the c-mpl receptor, and acts as an important regulator of circulating platelets.
AA Sequence	SPAPPACDLRVLSKLLRDSHVLHSRLSQCEVHPLPTPVLLPAVDFSLGEWKTQME ETKAQDILGAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRLLL GALQSLLGTQLP PQGRTTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTLCVRRAPPTTAVPSRTSLVLT LNEL
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	THPO thrombopoietin [Homo sapiens (human)]
Official Symbol	THPO

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	THPO; thrombopoietin; ML; TPO; MGDF; MKCSF; MPLLG; THCYT1; thrombopoietin; MPL ligand; c-mpl ligand; megakaryocyte colony-stimulating factor; megakaryocyte growth and development factor; megakaryocyte stimulating factor; myeloproliferative leukemia virus oncogene ligand; prepro-thrombopoietin; thrombopoietin nirs
Gene ID	7066
mRNA Refseq	NM_000460
Protein Refseq	NP_000451
MIM	600044
UniProt ID	P40225

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