



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### THPO (Human) Recombinant Protein

**Catalog Number:** P9287

**Regulation Status:** For research use only (RUO)

**Product Description:** Human THPO recombinant protein expressed in HEK293 cells.

**Sequence:**

SPAPPACDLRVLSKLLRDSHVLHSRLSQCEVHPLPTP  
VLLPAVDVSLGEWKTQMEETKAQDILGAVTLLLEGVM  
AARGQLGPTCLSSLLGQLSGQVRLLLGALQSLLGTQL  
PPQGRRTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTL  
CVRRAPPTTAVPSRTSLVLTNLPNRTSGLLETNFTA  
SARTTGSGLLKWQQGFRAKIPGLLNQTSRSLDQIPGY  
LNRIHELLNGTRGLFPGPSRRTLGLAPDISSGSDTGSL  
PPNLQPGYSPSPHPPTGQYTLFPLPPTLPTPVVQLHP  
LLPDPAPTPTPSPLLNTSYTHSQNLSQEG

**Host:** Human

**Theoretical MW (kDa):** 80-85

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purification:** chromatographic

**Purity:** > 95% as determined by SDS-PAGE.

**Activity:** ED<sub>50</sub> is 1.15 ng/mL, measured by the dose-dependent stimulation of the proliferation of MO7e cells.

**Storage Buffer:** Protein (0.74 mg/mL) was lyophilized from 1X PBS. Reconstitute the lyophilized powder in PBS containing 0.1% endotoxin-free recombinant HSA.

**Storage Instruction:** Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or

BSA).

Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 7066

**Gene Symbol:** THPO

**Gene Alias:** MGC163194, MGDF, MKCSF, ML, MPLLG, TPO

**Gene Summary:** Megakaryocytopoiesis is the cellular development process that leads to platelet production. The protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for MLP/C\_MPL, the product of myeloproliferative leukemia virus oncogene. [provided by RefSeq]