

### TPO/ THPO (C-6His), Mouse, Recombinant

货号: PCK097

## 产品信息

别名 Thrombopoietin; C-mpl Ligand; Megakaryocyte colony-stimulating factor;

Megakaryocyte growth and development factor; Myeloproliferative leukemia virus

oncogene Ligand; THPO

物种 Mouse

表达宿主 **Human Cells** 

序列信息 Ser22-Thr356

检索号 P40226

分子量 36.4 kDa

标签 C-6His

# 产品特性

纯度 >90% as determined by reducing SDS-PAGE.

内毒素 <1.0 EU per µg as determined by LAL test.

保存 Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at -5~-20°C for 3 months.

运输 Ambient temperature or ice pack.

制剂 Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

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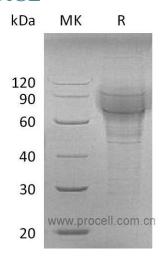
#### 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml.Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

Thrombopoietin (TPO) is a glyco Protein hormone which belongs to the EPO/TPO family. It produced by the liver and kidney which regulates the production of platelets. Mature mouse Tpo shares 71% and 81% aa sequence homology with human and rat Tpo, respectively. It is an 80-85 kDa Protein that consists of an N-terminal domain with homology to Erythropoietin (Epo) and a Cterminal domain that contains multiple N-linked and O-linked glycosylation sites. TPO stimulates the production and differentiation of megakaryocytes, the bone marrow cells that bud off large numbers of platelets. Lineage-specific Cytokine affects the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.

#### SDS-PAGE



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