

# CHAMOT

**重组人血小板生成素 /Recombinant TPO, Human,  
Animal-Free**

CM124-5HP

CM124-20HP

CM124-100HP

CM124-500HP

CM124-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组人血小板生成素 /Recombinant TPO, Human, Animal-Free

产品编号	CM124-5HP	CM124-20HP	CM124-100HP	CM124-500HP	CM124-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Thrombopoietin (TPO) is a glycoprotein that produced by the liver, kidney, marrow stroma and several other tissues. The TPO level in the blood is mostly negatively correlated with the abundance of platelets and bone marrow megakaryocytes, although multiple states of inflammation or infection, liver failure, and hematological disturbances are associated with unexpectedly high or low circulating levels of the hormone.

#### 别称

thrombopoietin, Megakaryocyte colony-stimulating factor, c-MPL Ligand, MGDF, THPO

#### 蛋白编码

P40225

#### 分子量

The protein has a calculated MW of 19.6 kDa. The protein migrates as 20 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

Escherichia coli

#### 纯度

>95% as determined by SDS-PAGE.

#### 生物活性

Testing in process

#### 内毒素检测

< 0.01 EU per 1 µg of the protein by the LAL method.

#### 蛋白序列

SPAPPACDLRVLSKLLRDSHVLHSRLSQCEVHPLPTPVLLPAVDFSLGEWKQMEETKAQDIL  
GAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRLLLGALQSLLGTQLPPQGRTTAHKDPNAIF  
LSFQHLLRGKVRFLMLVGGSTLCVRRAPPTTAVPSRTSLVLTNL with polyhistidine tag at the N-terminus.

#### 产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

#### 产品应用

Cell Culture

## 产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

### 2.Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H<sub>2</sub>O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.

Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

- Store at 2°C to 8°C for up to 1 week.

### 3.Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.

- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

## 产品储存/运输

**Lyophilized Protein:** Store at -20°C for 1 year.

### 储存

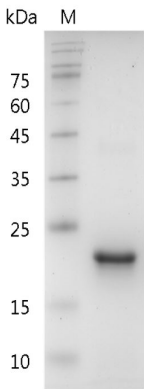
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**Extended Storage:** Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

### 运输

Blue Ice

## 实验数据展示



For Research Use or Further Manufacturing Only

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