

# CHAMOT

**重组小鼠白细胞介素30 /Recombinant IL-30,  
Mouse, Animal-Free**

CM027-5MP

CM027-20MP

CM027-100MP

CM027-500MP

CM027-1000MP



CHAMOT

乔默®生物

*Specialize In Cytokines*



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## 重组小鼠白细胞介素30 /Recombinant IL-30, Mouse, Animal-Free

产品编号	CM027-5MP	CM027-20MP	CM027-100MP	CM027-500MP	CM027-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Interleukin 30 (IL-30) forms one chain of the heterodimeric cytokine called interleukin 27 (IL-27), thus it is also called IL27 p28, it predicts a molecular mass of 24.9 kDa. IL-30, the p28 subunit that forms IL-27 together with EBI3 and is also known as IL-27 p28 or IL-27A, has been considered a surrogate to represent IL-27. It was initially thought to be an IL-12-like cytokine promoting Th1 immunity because of its ability to induce T-bet and IL-12Rβ2 expression through STAT1 activation during Th1 differentiation.

#### 别称

interleukin 30, IL-27, IL-27-A, IL-27p28, IL27-A, p28, IL30

#### 蛋白编码

Q8K3I6

#### 分子量

The protein has a calculated MW of 24.51 kDa. The protein migrates about 25 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

Escherichia coli

#### 纯度

>98% as determined by SDS-PAGE.

#### 生物活性

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED<sub>50</sub> for this effect is <5 ng/mL.

#### 内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

#### 蛋白序列

MFPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLPNVSLTFQA  
WHHLSDSERLCFLATTLRPFAMLGGLGTQGTWTSSEREQLWAMRLDLRDLHRHLRFQVLAA  
GFKCSKEEEDKEEEEEEEEEKKLPLGALGGPNQVSSQVSWPQLLYTYQLLHSLVLVLSRAVRDLL  
LLSLPRRPGSAWDS with polyhistidine tag at the C-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

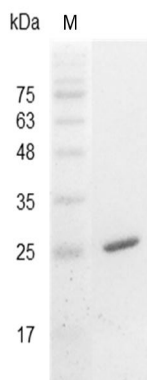
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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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