

# CHAMOT

重组人白细胞介素30 /Recombinant IL-30, Human, Animal-Free

CM035-5HP



CM035-20HP



CM035-100HP



CM035-500HP



CM035-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

## 重组人白细胞介素30 /Recombinant IL-30, Human, Animal-Free

产品编号	CM035-5HP	CM035-20HP	CM035-100HP	CM035-500HP	CM035-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Interleukin 30 (IL-30) is a 27 kDa cytokine with 216 amino acid residues. IL-30, also known as IL-27A, forms a complex named IL-27 with Ebi3 and is secreted from cells of myeloid origin, such as monocytes, macrophages, and dendritic cells. IL-30 /Ebi3 complex mediates T-cell immunity, promoting Th1 differentiation, inhibiting Th2 differentiation, and inhibiting Th17 differentiation. IL-30 also can be secreted independently of Ebi3 and modulate bacteria-induced oxidative burst and cytokine production.

#### 别称

interleukin 30, IL-27-p28 subunit, IL27A; IL-27A; IL27p28, IL30

#### 蛋白编码

Q8NEV9

#### 分子量

The protein has a calculated MW of 25.47 kDa. The protein migrates as 28 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

Testing in process

#### 内毒素检测

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

#### 蛋白序列

MFPPPPGRPQLSLQELRREFTVSLHLARKLLSEVRGQAHRAFAESHLPGVNLYLLPLGEQLPDVSL  
TFQAWRRRLSDPERLCFISTTLQPFHALLGGLTQGRWTNMERMQLWAMRLDLRDLQRHLRF  
QVLAAGFNLPEEEEEEEERKGLLPGALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAV  
RELLLLSKAGHSVWPLGFPTLSPQP 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 8.0. 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 ( $\geq 20 \mu\text{l}$ ).
- 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

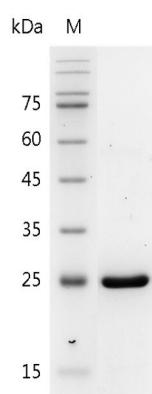
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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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