

# CHAMOT

**重组小鼠白细胞介素17A /Recombinant IL-17A,  
Mouse, Animal-Free**

CM014-5MP

CM014-20MP

CM014-100MP

CM014-500MP

CM014-1000MP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组小鼠白细胞介素17A /Recombinant IL-17A, Mouse, Animal-Free

产品编号	CM014-5MP	CM014-20MP	CM014-100MP	CM014-500MP	CM014-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Interleukin 17A (IL-17A) predicts a molecular mass of 35 kDa, encoded IL17A gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappa B and mitogen-activated protein kinases.

#### 别称

interleukin 17A, CTLA-8, IL17, IL17A

#### 蛋白编码

Q62386

#### 分子量

The protein has a calculated MW of 15.92 kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

Escherichia coli

#### 纯度

>98% as determined by SDS-PAGE and SEC-HPLC.

#### 生物活性

Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED<sub>50</sub> for this effect is <1 ng/mL. The specific activity of recombinant mouse IL-17A is > 1 x 10<sup>6</sup> IU/mg.

#### 内毒素检测

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

#### 蛋白序列

MAAIIPQSSACPNTAKDFLQNVKVNLIKVFNSLGAKVSSRRPSDYLNIRSTSPWTLHRNEDPD  
RYPSVIWEAQCRHQRCVNAEGKLDHHMNSVLIQQEILVLKREPESCPFTFRVEKMLVGVGCTC  
VASIVRQAA 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 (≥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

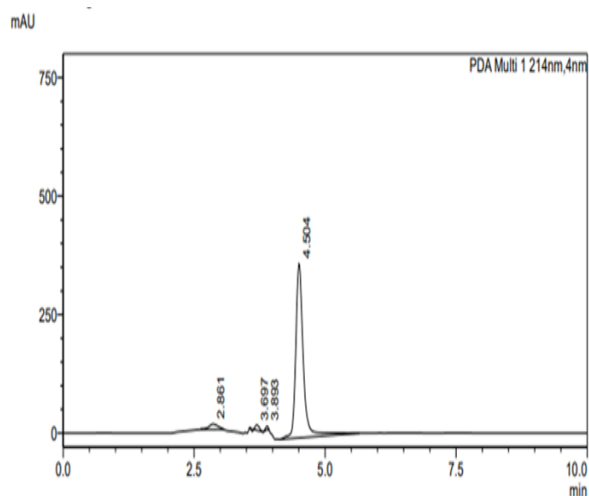
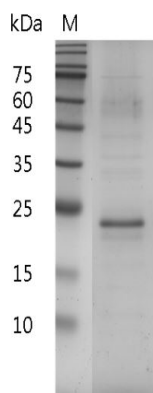
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



SDS-PAGE analysis of recombinant mouse IL-17A

The purity of recombinant mouse IL-17A is greater than 98% as  
determined by SEC-HPLC.

For Research Use or Further Manufacturing Only

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