

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 ED₅₀ for this effect is <1 ng/mL. The specific activity of recombinant mouse IL-17A is > 1 x 10⁶ 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 H₂O 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

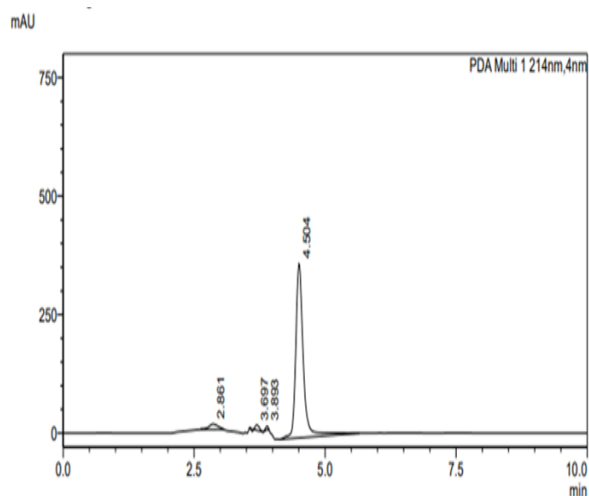
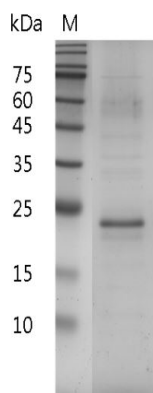
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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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