

CHAMOT

**重组小鼠白细胞介素13 /Recombinant IL-13,
Mouse, Animal-Free**

CM036-5MP

CM036-20MP

CM036-100MP

CM036-500MP

CM036-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines



CONTENT

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

重组小鼠白细胞介素13 /Recombinant IL-13, Mouse, Animal-Free

产品编号	CM036-5MP	CM036-20MP	CM036-100MP	CM036-500MP	CM036-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Interleukin 13 (IL-13) with a molecular mass of 10 kDa cytokine, it secreted by T helper type 2 (Th2) cells, CD4 cells, natural killer T cell, mast cells, basophils, eosinophils and nuocytes. It is homologous to IL-4 and shares many of its biologic activities on mononuclear phagocytic cells, endothelial cells, epithelial cells, and B cells.

别称

interleukin 13, P600, IL13

蛋白编码

P20109

分子量

The protein has a calculated MW of 13.06 kDa. The protein migrates about 11 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

Measure by its ability to induce TF-1 cells proliferation. The ED₅₀ for this effect is <10 ng/mL.

内毒素检测

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

蛋白序列

MPVPRSVSLPLTLKELIEELSNITQDQTPLCNGSMVWSVDLAAGGFCVALDSLTNISNCNAIYR
TQRILHGLCNRKAPTTVSSLPDTKIEVAHFITKLLSYTKQLFRHGPF 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 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

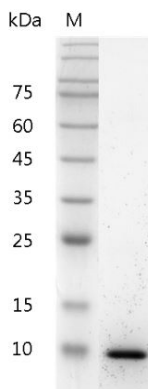
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491