

# CHAMOT

重组人白细胞介素24 /Recombinant IL-24, Human, Animal-Free

CM028-5HP



CM028-20HP



CM028-100HP



CM028-500HP



CM028-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组人白细胞介素24 /Recombinant IL-24, Human, Animal-Free

产品编号	CM028-5HP	CM028-20HP	CM028-100HP	CM028-500HP	CM028-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

背景描述	Interleukin 24 (IL-24) predicts a molecular mass of 18.2 kDa, is a cytokine belonging to the IL-10 family of cytokines that signals through IL-20R1 /IL-20R2 and IL-22R1 /IL-20R2. Its normal physiological role relates to wound healing, protection against diseases caused by bacteria.
别称	interleukin 24, MDA-7 (Melanoma Differentiation-Associated gene 7 protein), IL24
蛋白编码	Q13007
分子量	The protein has a calculated MW of 19.10 kDa. The protein migrates as 17 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 chemoattract BaF3 cells transfected with human IL-20R alpha and IL-20R beta using a concentration range of 0.05-0.2 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MQEFHFGPCQVKGVVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLVHTLLEFYLKTVFKNYHNRTVEVRTLKSFSTLANNFVLIVSQLQPSQENEMFSIRDSAHRRFLLFRRAFKQLDVEAALTAKALGEVDILLTWMQKFYKL 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.

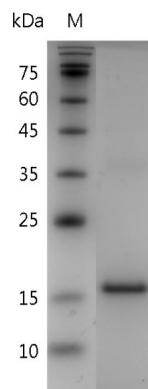
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 human IL-24

For Research Use or Further Manufacturing Only

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