

# CHAMOT

**重组人白细胞介素27 EBI3 /Recombinant IL-27 EBI3,  
Human, Animal-Free**

CM031-5HP

CM031-20HP

CM031-100HP

CM031-500HP

CM031-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组人白细胞介素27 EBI3 /Recombinant IL-27 EBI3, Human, Animal-Free

产品编号	CM031-5HP	CM031-20HP	CM031-100HP	CM031-500HP	CM031-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

背景描述	Interleukin 27 EBI3 (IL-27 EI3) predicts a molecular mass of 23.4 kDa. IL-27 is a heterodimeric cytokine that is encoded by Epstein-Barr virus-induced gene 3 (EBI3) and IL-27p28. It is expressed by antigen presenting cells and interacts with a specific cell-surface receptor complex known as IL-27 receptor (IL-27R).
别称	interleukin 27 EBI3, Epstein-Barr virus induced 3, Interleukin-27 subunit beta, IL-27B, EBI3, p28, IL35B, IL27
蛋白编码	Q14213
分子量	The protein has a calculated MW of 24.25 kDa. The protein migrates as 25 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 using a concentration range of 20-200 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MRKGPPAALTLPVQCRASRYPIAVDCSWTLPPAPNSTSPVSFIATYRLGMAARGHSWPCLQQTPTSTSTCTITDVQLFSMAPYVLNVTAVHPWGSSSSFPFITEHIIKPDPEGVRLSPLAERQLQVQWEPPGSWPFPEIFSLKYWIRYKRQGAARFHRVGPIEATSFILRAVRPRARYYVQVAAQDLTDYGELSDWSLPATATMSLGK 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

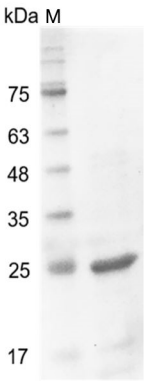
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



For Research Use or Further Manufacturing Only

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