

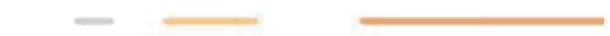
# CHAMOT

## 重组小鼠白细胞介素27 EBI3 /Recombinant IL-27 EBI3, Mouse, Animal-Free

CM023-5MP



CM023-20MP



CM023-100MP



CM023-500MP



CM023-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

## 重组小鼠白细胞介素27 EBI3 /Recombinant IL-27 EBI3, Mouse, Animal-Free

产品编号	CM023-5MP	CM023-20MP	CM023-100MP	CM023-500MP	CM023-1000MP
规格	5 $\mu$ g	20 $\mu$ g	100 $\mu$ g	500 $\mu$ g	1 mg

### 产品简介

<b>背景描述</b>	Interleukin 27 EBI3 (IL-27 EBI3) 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).
<b>别称</b>	interleukin 27 EBI3, IL-27, Interleukin-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EBI3, IL27
<b>蛋白编码</b>	O35228
<b>分子量</b>	The protein has a calculated MW of 23.84 kDa. The protein migrates about 25 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>95% as determined by SDS-PAGE.
<b>生物活性</b>	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED <sub>50</sub> for this effect is <5 ng/mL.
<b>内毒素检测</b>	<0.1 EU per 1 $\mu$ g of the protein by the LAL method.
<b>蛋白序列</b>	MALVALSQPRVQCHASRYPVAVDCSWTPLQAPNSTRSTSFIATYRLGVATQQSQPCLQRSP QASRCTIPDVHLFSTVPYMLNVTAVHPGGASSSLAFVAERIIKDPPEGVRLRTAGQRLQVLW HPPASWPFPDIFSLKYRLRYRRRGASHFRQVGPIEATTFTLRNSKPHAKYCIQVSAQDLTDYKG PSDWSLPGQVESAPHKP with polyhistidine tag at the C-terminus.
<b>产品形式</b>	The protein was lyophilized from a 0.2 $\mu$ m filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.
<b>产品应用</b>	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.

### 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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