

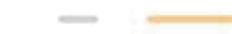
# CHAMOT

重组人白细胞介素29 /Recombinant IL-29, Human, Animal-Free

CM034-5HP



CM034-20HP



CM034-100HP



CM034-500HP



CM034-1000HP



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

## 重组人白细胞介素29 /Recombinant IL-29, Human, Animal-Free

产品编号	CM034-5HP	CM034-20HP	CM034-100HP	CM034-500HP	CM034-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

<b>背景描述</b>	Interleukin 29 (IL-29) is a cytokine, predicts a molecular mass of 21.9 kDa. It belongs to type III interferons group, also termed interferons $\lambda$ (IFN- $\lambda$ ). Its induction of STAT3-STAT5 has also been displayed, albeit to a lesser degree. The STAT1 /STAT2 signaling cascade transpires as follows: once tyrosine residues on STAT1 and STAT2 are phosphorylated, these proteins dimerize and are subsequently transported to the nucleus.
<b>别称</b>	interleukin 29, IFN- $\lambda$ 1, IL29
<b>蛋白编码</b>	Q8IU54
<b>分子量</b>	The protein has a calculated MW of 20.70 kDa. The protein migrates as 22 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>98% as determined by SDS-PAGE.
<b>生物活性</b>	Measure by its ability to induce IL-8 secretion in HuH7 cells. The ED <sub>50</sub> for this effect is <6 ng/mL.
<b>内毒素检测</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>蛋白序列</b>	MPTSKPTTGKGCHIGRFKSLPQELASFKKARDALEESLKLKNWCSSPVFPGNWDLRLLQVRERPVALEALALTLKVLEAAAGPALEDVLDQPLHTLHHILSQLQACIQPQPTAGPRPRGRRLHHWLHRLQEAPKESAGCLEASVTNFLFRLLTRDLKYVADGNLCLRTSTHPEST with polyhistidine tag at the C-terminus.
<b>产品形式</b>	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.
<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

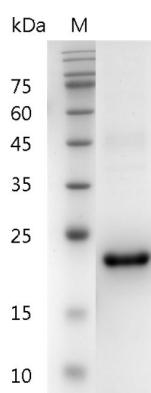
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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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