

# CHAMOT

重组人白细胞介素36 gamma /Recombinant IL-36 gamma, Human, Animal-Free

CM042-5HP



CM042-20HP



CM042-100HP



CM042-500HP



CM042-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组人白细胞介素36 gamma /Recombinant IL-36 gamma, Human, Animal-Free

产品编号	CM042-5HP	CM042-20HP	CM042-100HP	CM042-500HP	CM042-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

背景描述	Interleukin-36 gamma (IL-36 $\gamma$ ) consists of 134 amino acids. IL-36 $\gamma$ is a member of the interleukin-1 cytokine family. It plays a significant role in immune responses, particularly in inflammatory reactions, which are essential for binding with interleukin-1 receptor and serves as receptor agonists, enabling cytokine activity and generating pro-inflammatory.
别称	interleukin 36 gamma, IL-1F9, IL-1 $\epsilon$ (epsilon), IL-1H1, L1RP2, IL-1RP2, IL36
蛋白编码	Q9NZH8
分子量	The protein has a calculated MW of 17.98 kDa. The protein migrates as 19 kDa under reducing condition (SDS-PAGE analysis).
表达系统	Escherichia coli
纯度	>98% as determined by SDS-PAGE.
生物活性	Measure by its ability to induce IL-8 secretion in A431 cells. The ED <sub>50</sub> for this effect is <5 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MSMCKPITGTINDLNQQVWTLQGQNLVAVPRSDSVTPVTAVITCKYPEALEQGRGDPIYLGQNPEMCLYCEKVGEQPTLQLKEQKIMDLYGQPEPVKPFLFYRAKTGRTSTLESVAFPDWFIASSKRDQPIILTSELGKSYNTAFELNIND 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.

### 储存

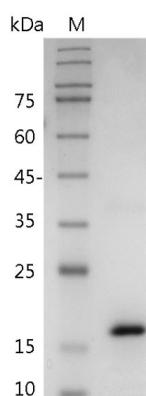
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



SDS-PAGE analysis of recombinant human IL-36 gamma

For Research Use or Further Manufacturing Only

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