

# CHAMOT

**重组人趋化因子CXCL3 /Recombinant CXCL3,  
Human, Animal-Free**

**CM054-5HP**

**CM054-20HP**

**CM054-100HP**

**CM054-500HP**

**CM054-1000HP**



**CHAMOT**

乔默®生物

*Specialize In Cytokines*

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## 重组人趋化因子CXCL3 /Recombinant CXCL3, Human, Animal-Free

产品编号	CM054-5HP	CM054-20HP	CM054-100HP	CM054-500HP	CM054-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

**背景描述** C-X-C motif chemokine 3 (CXCL3) also named Growth-regulated oncogene gamma (GROγ), which is a chemokine of the intercrine alpha family. CXCL3 is a 8kDa protein containing 73 amino acid residues. During inflammation, CXCL3 is activated by the TNF and IL-1 which mediates the monocytes migration and adhesion by targeting the CXCR2. CXCL3 activates the JNK activity which induce the cell differentiation.

**别称** C-X-C motif chemokine 3, GRO-γ: MGSAγ, MIP-2β, GRO3

**蛋白编码** P19876

**分子量** The protein has a calculated MW of 8.67 kDa. The protein migrates as 11 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 chemoattract human THP1 cells. Chemotactic activity was observed at a concentration of 50 ng/mL.

**内毒素检测** <0.1 EU per 1 µg of the protein by the LAL method.

**蛋白序列** ASVVTELRCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNGKKACLNPASPMVQKIIE KILNKGSTN with polyhistidine tag at the N-terminus.

**产品形式** The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. 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

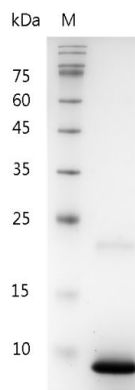
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



SDS-PAGE analysis of recombinant human CXCL3

For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. [www.chamot-bio.com](http://www.chamot-bio.com)

Tel: 021-51880030    Mail: [info@chamot-bio.com](mailto:info@chamot-bio.com)    QQ: 864920491