

# CHAMOT

**重组人趋化因子CXCL5 /Recombinant CXCL5,  
Human, Animal-Free**

**CM055-5HP**

**CM055-20HP**

**CM055-100HP**

**CM055-500HP**

**CM055-1000HP**



**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

## 重组人趋化因子CXCL5 /Recombinant CXCL5, Human, Animal-Free

产品编号	CM055-5HP	CM055-20HP	CM055-100HP	CM055-500HP	CM055-1000HP
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 5 (CXCL5) also named epithelial-derived neutrophil-activating peptide 78 (ENA-78), which is a chemokine of the intercrine alpha family. CXCL5 is a 8kDa protein containing 70 amino acid residues. CXCL5 is stimulated by the IL-1 or TNF $\alpha$  during inflammation which produced by the eosinophils and CXCL5 is inhibited by the IFN $\gamma$ . CXCL5 promotes the formation of blood vessels and angiogenesis by binding the cell receptor CXCR2.

#### 别称

C-X-C motif chemokine 5, Epithelial Neutrophil Activating Peptide-78, ENA-78

#### 蛋白编码

P42830

#### 分子量

The protein has a calculated MW of 8.51 kDa. The protein migrates as 12 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 using a concentration range of 10-100 ng/mL.

#### 内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

#### 蛋白序列

RELRCVCLQTTQGVHPKMISNLQVFAIGPQCSKVEVVASLKNKEICLDPEAPFLKKVIQKILDG GNKEN 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

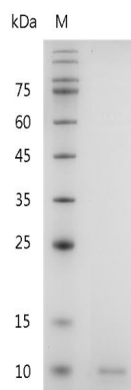
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 CXCL5

For Research Use or Further Manufacturing Only

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