

# CHAMOT

**重组小鼠趋化因子CXCL5 /Recombinant CXCL5,  
Mouse, Animal-Free**

CM078-5MP

CM078-20MP

CM078-100MP

CM078-500MP

CM078-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组小鼠趋化因子CXCL5 /Recombinant CXCL5, Mouse, Animal-Free

产品编号	CM078-5MP	CM078-20MP	CM078-100MP	CM078-500MP	CM078-1000MP
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 8.2 kDa protein containing 74 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, AMCF, AMCF-II, Cxcl, Cxcl6, GCP-, GCP-2, L, LIX, Scyb, Scyb5, Scyb6

#### 蛋白编码

P50228

#### 分子量

The protein has a calculated MW of 10.62 kDa. The protein migrates below 15-17 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 50-100 ng/mL.

#### 内毒素检测

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

#### 蛋白序列

VIAATELRCVCLTVTPKINPKLIANLEVIPAGPQCPTVEVIAKLNQKEVCLDPEAPVIKKIIQKILG SDKKKA 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

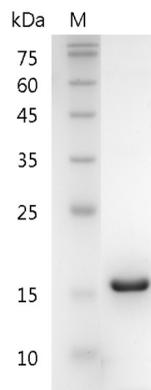
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



For Research Use or Further Manufacturing Only

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