

# CHAMOT

**重组小鼠趋化因子CXCL7 /Recombinant CXCL7(48-109), Mouse, Animal-Free**

CM088-5MP

CM088-20MP

CM088-100MP

CM088-500MP

CM088-1000MP



CHAMOT

乔默®生物

*Specialize In Cytokines*



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## 重组小鼠趋化因子CXCL7 /Recombinant CXCL7(48-109), Mouse, Animal-Free

产品编号	CM088-5MP	CM088-20MP	CM088-100MP	CM088-500MP	CM088-1000MP
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 7 (CXCL7) also named Pro-Platelet basic protein (PPBP), which is a chemokine of the intercrine alpha family. CXCL7 is a 8.2 kDa protein containing 74 amino acid residues. CXCL7 is expressed by the platelets, which are activated. During vascular injury, CXCL7 controls the glucose metabolism, mitogenesis and neutrophil recruitment by the interaction with CXCR2.

#### 别称

C-X-C motif chemokine 7, NAP-2, PPBP, CT, CTA, CTAP3, CTAPIII, LA-PF4, LDG, LDGF, MDGF, NAP-2-L1, Scyb, Scyb7, TGB, TGB1, THBGB1, b-TG1, beta-T, beta-TG

#### 蛋白编码

NP\_076274

#### 分子量

The protein has a calculated MW of 7.57 kDa. The protein migrates below 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 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

IELRCRCTNTISGIPFNSISLVNVYRPGVHCADVEVIATLKNQKTCLDPNAPGVKRIVMKI 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

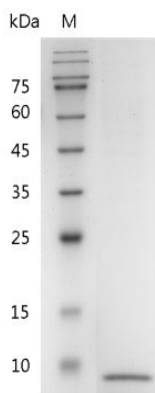
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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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