

# CHAMOT

**重组小鼠趋化因子CXCL11 /Recombinant CXCL11,  
Mouse, Animal-Free**

**CM092-5MP**



**CM092-20MP**



**CM092-100MP**



**CM092-500MP**



**CM092-1000MP**



**CHAMOT**

乔默®生物

*Specialize In Cytokines*



# CONTENTS

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

## 重组小鼠趋化因子CXCL11 /Recombinant CXCL11, Mouse, Animal-Free

产品编号	CM092-5MP	CM092-20MP	CM092-100MP	CM092-500MP	CM092-1000MP
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 11 (CXCL11) also named Interferon-gamma-inducible protein 9 (IP-9), which is a chemokine of the intercrine alpha family. CXCL11 is a 8.8 kDa protein containing 79 amino acid residues. To CXCR3, CXCL11 has higher affinity than CXCL10 and CXCL9 which plays a role in immune activation. CXCL11 induces the activation of T cells which is also a chemotaxis for T cells. CXCL11 is produced in response for IFN Family.

<b>别称</b>	C-X-C motif chemokine 11, Interferon Inducible T-Cell $\alpha$ Chemokine, I-TAC, B-R1
<b>蛋白编码</b>	Q9JHH5
<b>分子量</b>	The protein has a calculated MW of 9.92 kDa. The protein migrates about 11 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>98% as determined by SDS-PAGE.
<b>生物活性</b>	Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.
<b>内毒素检测</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>蛋白序列</b>	FLMFQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVITMKAHKRQRCLDPRSKQAR LIMQAIKKNFLRRQNM with polyhistidine tag at the N-terminus.
<b>产品形式</b>	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.
<b>产品应用</b>	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

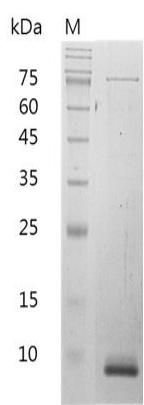
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**Extended Storage:** Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

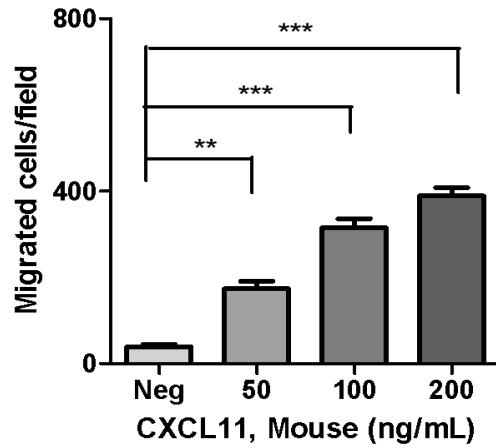
### 运输

Blue Ice

## 实验数据展示



SDS-PAGE analysis of recombinant mouse  
CXCL11



Activity analysis of recombinant mouse CXCL11, His Tag, E. coli.  
Measure by its ability to chemoattract human THP1 cells using a  
concentration range of 50-100 ng/mL.

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