

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



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.

别称

C-X-C motif chemokine 11, Interferon Inducible T-Cell α Chemokine, I-TAC, B-R1

蛋白编码

Q9JHH5

分子量

The protein has a calculated MW of 9.92 kDa. The protein migrates about 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

FLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVIVTMKAHKRQRCLDPRSKQAR LIMQAIEKKNFLRRQNM 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 H₂O 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

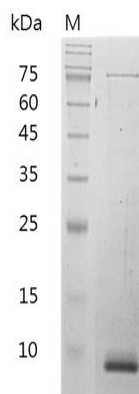
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

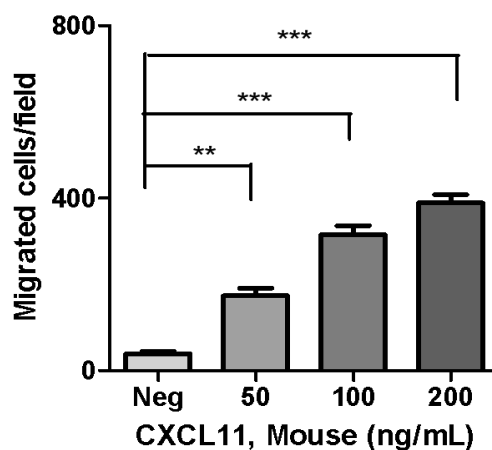
运输

Blue Ice

实验数据展示



SDS-PAGE analysis of recombinant 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

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