

CHAMOT

**重组小鼠趋化因子CXCL10 /Recombinant CXCL10,
Mouse, Animal-Free**

CM070-5MP

CM070-20MP

CM070-100MP

CM070-500MP

CM070-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组小鼠趋化因子CXCL10 /Recombinant CXCL10, Mouse, Animal-Free

产品编号	CM070-5MP	CM070-20MP	CM070-100MP	CM070-500MP	CM070-1000MP
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 10 (CXCL10) also named Interferon gamma-induced protein 10 (IP-10), which is a chemokine of the intercrine alpha family. CXCL10 is a 8.55 kDa protein containing 77 amino acid residues. CXCL10 is produced by the several cell types like monocytes and endothelial cells, which are responded for IFN γ . CXCL10 is a chemotaxis for T cells, NK cells and macrophages. CXCL10 also binds the CXCR3 that induces the cell migration and activation like T cells and dendritic cells.

别称

C-X-C motif chemokine 10, IP-10, Gamma-Interferon Inducible Protein 10, Crg-2

蛋白编码

P17515

分子量

The protein has a calculated MW of 9.47 kDa. The protein migrates as 7-11 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

IPLARTVRCNCIHIDDGPVRMRAIGKLEIIPASLSCPRVEIIATMKKNDEQRCLNPESKTIKNLMK AFSQKRKRAP 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

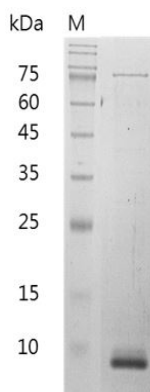
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

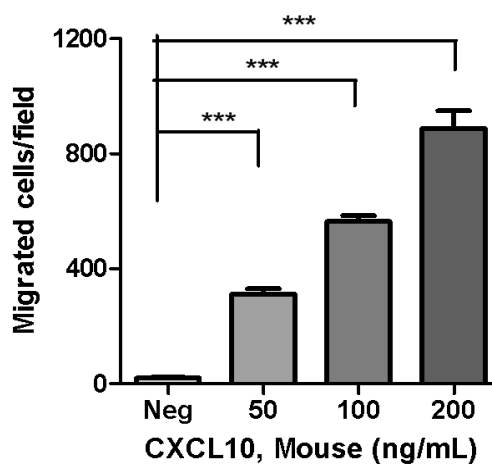
运输

Blue Ice

实验数据展示



SDS-PAGE analysis of recombinant mouse
CXCL10



Activity analysis of recombinant mouse CXCL10, 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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