

CHAMOT

**重组小鼠趋化因子CXCL9 /Recombinant CXCL9,
Mouse, Animal-Free**

CM091-5MP

CM091-20MP

CM091-100MP

CM091-500MP

CM091-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组小鼠趋化因子CXCL9 /Recombinant CXCL9, Mouse, Animal-Free

产品编号	CM091-5MP	CM091-20MP	CM091-100MP	CM091-500MP	CM091-1000MP
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 9 (CXCL9) also named monokine induced by gamma interferon (MIG), which is a chemokine of the intercrine alpha family. CXCL9 is a 11.7 kDa protein containing 10⁵ amino acid residues. CXCL9 controls the immune cells by binding the CXCR3 which is including the cell migration and activation. During inflammation, CXCL9 is a chemotaxis for lymphocyte and macrophages. CXCL9 is participated in the process of tumor proliferation and metastasis.

别称

C-X-C motif chemokine 9, Monokine Induced by Interferon-γ, MIG

蛋白编码

AAA39706.1

分子量

The protein has a calculated MW of 13.00 kDa. The protein migrates as 11-17 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

TLVIRNARCSCISTSRGTIHYKSLKDLKQFAPSPNCNKTEIIATLKNGDQTCLDPDSANVKKLMK EWEKKINQKKKQKRGKKHQKNMKNRPKTPQSRRRSRKT 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

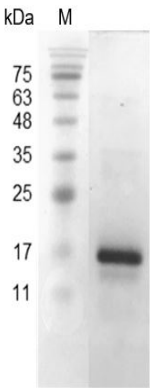
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

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