

CHAMOT

重组猪趋化因子CXCL10 /Recombinant CXCL10,
Swine, Animal-Free

CM022-5SP



CM022-20SP



CM022-100SP



CM022-500SP



CM022-1000SP



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

重组猪趋化因子CXCL10 /Recombinant CXCL10, Swine, Animal-Free

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|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM022-5SP | CM022-20SP | CM022-100SP | CM022-500SP | CM022-1000SP |
| 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 9.1kDa protein containing 82 amino acid residues. CXCL10 is produced by the several cell types like monocytes and endothelial cells, which are responded for IFNy. CXCL10 is a chemotaxis for T cells, NK cells and macrophages. CXCL10 also binds the CXCR3 that induce the the cell migration and activation like T cells and dendritic cells |
| 别称 | C-X-C motif chemokine 10, MCP-1 |
| 蛋白编码 | NP_001008691 1 |
| 分子量 | The protein has a calculated MW of 10.13 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 BaF3 cells transfected with human CXCR2. The ED ₅₀ for this effect is <4 ng/mL. |
| 内毒素检测 | <0.1 EU per 1 µg of the protein by the LAL method. |
| 蛋白序列 | PLSRTVRCTCIKISDRPVNPRSLEKLEMIPASQSCPHVEIIATMKKNGEKRLCLNPESKTIKNLLKAI SKERSKRSRPTQREA 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 ($\geq 20 \mu\text{l}$).
- 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.

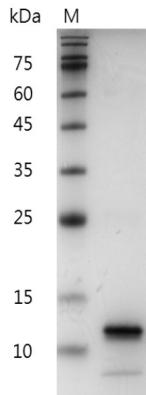
储存 **Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

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 swine CXCL10

For Research Use or Further Manufacturing Only

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