

CHAMOT

重组猪趋化因子CXCL13 /Recombinant CXCL13,
Swine, Animal-Free

CM026-5SP



CM026-20SP



CM026-100SP



CM026-500SP



CM026-1000SP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

重组猪趋化因子CXCL13 /Recombinant CXCL13, Swine, Animal-Free

产品编号	CM026-5SP	CM026-20SP	CM026-100SP	CM026-500SP	CM026-1000SP
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 13 (CXCL13) also named B lymphocyte chemoattractant (BLC), which is a chemokine of the intercrine alpha family. CXCL13 is a 9.8kDa protein containing 88 amino acid residues. CXCL13 is a chemotaxis for B lymphocyte. CXCL13 induces the cell proliferation through the AKT signal pathway which plays a key role in intestinal cancer model. CXCL13 /CXCR5 axis is highly existed in gut, spleen and lymph nodes.

别称

C-X-C motif chemokine 13, MCP-1

蛋白编码

XP_003129149 1

分子量

The protein has a calculated MW of 10.81 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

Testing in process

内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列

VLETNDTNLKCCQCLRSTSNNVPIRLIEKIQIWPPGNGCPTREVIVWMTNKTAICLNPQSKLLQK LINLMWRKKTSTTLPAPVSKKSIA 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

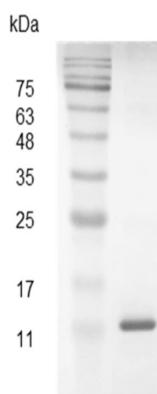
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 CXCL13

For Research Use or Further Manufacturing Only

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