

CHAMOT

**重组小鼠趋化因子CXCL2 /Recombinant CXCL2,
Mouse, Animal-Free**

CM071-5MP

CM071-20MP

CM071-100MP

CM071-500MP

CM071-1000MP



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CXCL2 /Recombinant CXCL2, Mouse, Animal-Free

产品编号	CM071-5MP	CM071-20MP	CM071-100MP	CM071-500MP	CM071-1000MP
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 2 (CXCL2) also named Growth-regulated oncogene beta (GROβ), which is a chemokine of the intercrine alpha family. CXCL2 is a 8.1 kDa protein containing 73 amino acid residues. CXCL2 is often expressed in immune cells such as macrophages and monocytes. CXCL2 plays an important role with immune responses and cancer progression. CXCL2 activates the cell signal transduction with casepas1 that affects the cell proliferation, differentiation and migration.

别称

C-X-C motif chemokine 2, CINC, CINC-2a, GROb, Gr, Gro2, MIP, MIP-2, MIP-2a, Mgsa, Mgsa-b, Mi, Mip2, Scy, Scyb, Scyb2

蛋白编码

P10889

分子量

The protein has a calculated MW of 8.66 kDa. The protein migrates below 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. Chemotactic activity was observed at a concentration of 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

AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGGQKVCLDPEAPLVQKIIQKI LNKGGKAN 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

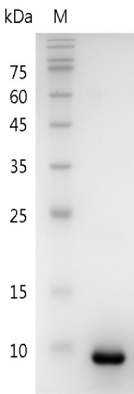
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491