

CHAMOT

**重组小鼠趋化因子CXCL16 /Recombinant CXCL16,
Mouse, Animal-Free**

CM093-5MP

CM093-20MP

CM093-100MP

CM093-500MP

CM093-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组小鼠趋化因子CXCL16 /Recombinant CXCL16, Mouse, Animal-Free

产品编号	CM093-5MP	CM093-20MP	CM093-100MP	CM093-500MP	CM093-1000MP
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 16 (CXCL16) is a chemokine of the intercrine alpha family which is a 9.8 kDa protein containing 88 amino acid residues. In mediate the innate immunity, CXCL16 is a chemotaxis for T cells and NKT cells, which expressed the CXC chemokine receptor (CXCR) 6. CXCL16 also can be enhanced the expression level by the TNF α , IL-1 and IFN γ . CXCL16 protects the host by against the gram positive and gram negative bactreials.

别称

C-X-C motif chemokine 16, SRPSOX

蛋白编码

Q8BSU2

分子量

The protein has a calculated MW of 10.74 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 100-200 ng/mL.

内毒素检测

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

蛋白序列

NQGSVAGSCSCDRTISSGTQIPQGTLDHIRKYLKAFHRCPPFFIRFQLQSKSVCGGSQDQWVRE LVDCFERKECGTGHGKSFHHQKHLPL 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

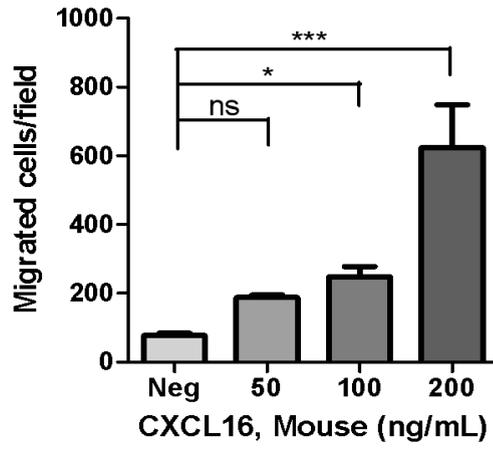
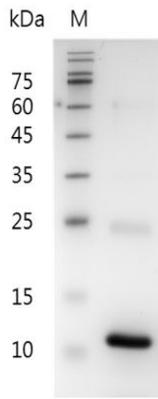
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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
CXCL16

Activity analysis of recombinant mouse CXCL16, His Tag, E. coli.
Measure by its ability to chemoattract human THP1 cells using a
concentration range of 100-200 ng/mL.

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