

CHAMOT

**重组小鼠趋化因子CXCL5 /Recombinant CXCL5,
Mouse, Animal-Free**

CM078-5MP

CM078-20MP

CM078-100MP

CM078-500MP

CM078-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组小鼠趋化因子CXCL5 /Recombinant CXCL5, Mouse, Animal-Free

产品编号	CM078-5MP	CM078-20MP	CM078-100MP	CM078-500MP	CM078-1000MP
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 5 (CXCL5) also named epithelial-derived neutrophil-activating peptide 78 (ENA-78), which is a chemokine of the intercrine alpha family. CXCL5 is a 8.2 kDa protein containing 74 amino acid residues. CXCL5 is stimulated by the IL-1 or TNFα during inflammation which produced by the eosinophils and CXCL5 is inhibited by the IFNγ. CXCL5 promotes the formation of blood vessels and angiogenesis by binding the cell receptor CXCR2.

别称

C-X-C motif chemokine 5, Epithelial Neutrophil Activating Peptide-78, ENA-78, AMCF, AMCF-II, Cxcl, Cxcl6, GCP-, GCP-2, L, LIX, Scyb, Scyb5, Scyb6

蛋白编码

P50228

分子量

The protein has a calculated MW of 10.62 kDa. The protein migrates below 15-17 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

VIAATELRCVCLTVTPKINPKLIANLEVIPAGPQCPTVEVIAKLKNQKEVCLDPEAPVIKKIIQKILG SDKKKA 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

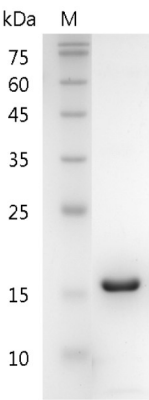
- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.
Avoid repeated freeze-thaw cycles.

产品储存/运输

储存	Lyophilized Protein: Store at -20°C for 1 year.
	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
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实验数据展示



For Research Use or Further Manufacturing Only

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