

CHAMOT

**重组人趋化因子CXCL3 /Recombinant CXCL3,
Human, Animal-Free**

CM054-5HP

CM054-20HP

CM054-100HP

CM054-500HP

CM054-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组人趋化因子CXCL3 /Recombinant CXCL3, Human, Animal-Free

产品编号	CM054-5HP	CM054-20HP	CM054-100HP	CM054-500HP	CM054-1000HP
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 3 (CXCL3) also named Growth-regulated oncogene gamma (GROγ), which is a chemokine of the intercrine alpha family. CXCL3 is a 8kDa protein containing 73 amino acid residues. During inflammation, CXCL3 is activated by the TNF and IL-1 which mediates the monocytes migration and adhesion by targeting the CXCR2. CXCL3 activates the JNK activity which induce the cell differentiation.

别称

C-X-C motif chemokine 3, GRO-γ: MGSAγ, MIP-2β, GRO3

蛋白编码

P19876

分子量

The protein has a calculated MW of 8.67 kDa. The protein migrates as 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 50 ng/mL.

内毒素检测

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

蛋白序列

ASVVTELRCQLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNGKKACLNPASPMVQKIIE KILNKGSTN 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

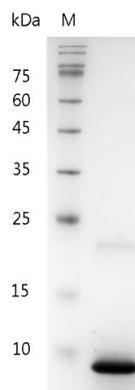
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 human CXCL3

For Research Use or Further Manufacturing Only

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