

CHAMOT

重组人趋化因子CXCL5 /Recombinant CXCL5,
Human, Animal-Free

CM055-5HP



CM055-20HP



CM055-100HP



CM055-500HP



CM055-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

CONTENTS

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

重组人趋化因子CXCL5 /Recombinant CXCL5, Human, Animal-Free

产品编号	CM055-5HP	CM055-20HP	CM055-100HP	CM055-500HP	CM055-1000HP
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 5 (CXCL5) also named epithelial-derived neutrophil-activating peptide 78 (ENA-78), which is a chemokine of the intercrine alpha family. CXCL5 is a 8kDa protein containing 70 amino acid residues. CXCL5 is stimulated by the IL-1 or TNF α during inflammation which produced by the eosinophils and CXCL5 is inhibited by the IFN γ . 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
蛋白编码	P42830
分子量	The protein has a calculated MW of 8.51 kDa. The protein migrates as 12 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 10-100 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	RELRCVCLQTTQGVHPKMISNLQVFAIGPQCSKVEVVASLKNGKEICLDPEAPFLKKVIQKILDG GNKEN 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.

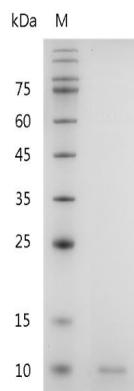
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 CXCL5

For Research Use or Further Manufacturing Only

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