

# CHAMOT

重组人趋化因子CXCL6 /Recombinant CXCL6,  
Human, Animal-Free

CM163-5HP



CM163-20HP



CM163-100HP



CM163-500HP



CM163-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组人趋化因子CXCL6 /Recombinant CXCL6, Human, Animal-Free

产品编号	CM163-5HP	CM163-20HP	CM163-100HP	CM163-500HP	CM163-1000HP
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 6 (CXCL6) also named granulocyte chemotactic protein 2 (GCP-2), which is a chemokine of the intercrine alpha family. CXCL6 is a 8.3kDa protein containing 75 amino acid residues. CXCL6 has a significant role in resistance of gram-positive and gram-negative bacteria which is a chemotaxis for neutrophil granulocytes. CXCL6 has a role in in the process of carcinogenesis which affects proliferation and metastasis of OS cells by the interaction with CXCR1 /CXCR2.

<b>别称</b>	C-X-C motif chemokine 6, Granulocyte Chemotactic Protein-2,GCP-2
<b>蛋白编码</b>	P80162
<b>分子量</b>	The protein has a calculated MW of 8.97 kDa. The protein migrates as 11 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>98% as determined by SDS-PAGE.
<b>生物活性</b>	Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.
<b>内毒素检测</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>蛋白序列</b>	VSAVLTELRCTCLRVLRVNPKTIGKLQVFPAGPQCSKVEVVASLKNGKQVCLDPEAPFLKKVIQKILDSGNKKN with polyhistidine tag at the N-terminus.
<b>产品形式</b>	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.
<b>产品应用</b>	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 H<sub>2</sub>O 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.

### 储存

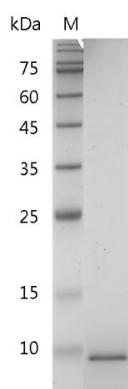
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 CXCL6

For Research Use or Further Manufacturing Only

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