# **CHAMOT**

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

CM163-5HP

CM163-20HP

CM163-100HP

CM163-500HP

CM163-1000HP





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### **Product Datasheet**

## 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.
别称	C-X-C motif chemokine 6, Granulocyte Chemotactic Protein-2,GCP-2
蛋白编码	P80162
分子量	The protein has a calculated MW of 8.97 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 using a concentration range of 50-100 ng/mL.
内毒素检测	$<$ 0.1 EU per 1 $\mu$ g of the protein by the LAL method.
蛋白序列	VSAVLTELRCTCLRVTLRVNPKTIGKLQVFPAGPQCSKVEVVASLKNGKQVCLDPEAPFLKKVIQ KILDSGNKKN with polyhistidine tag at the N-terminus.
产品形式	The protein was lyophilized from a 0.2 $\mu$ m 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 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  $10~\mu g/ml$ .
- 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.

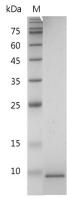
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**Extended Storage:** Store at -20°C or -80°C for 3 to 6 months with a carrier protein or

stabilizer.

**运输** Blue Ice

### 实验数据展示



SDS-PAGE analysis of recombinant human CXCL6

For Research Use or Further Manufacturing Only

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