

CHAMOT

**重组猪白细胞介素8 /Recombinant IL-8, Swine,
Animal-Free**

CM006-5SP

CM006-20SP

CM006-100SP

CM006-500SP

CM006-1000SP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组猪白细胞介素8 /Recombinant IL-8, Swine, Animal-Free

产品编号	CM006-5SP	CM006-20SP	CM006-100SP	CM006-500SP	CM006-1000SP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述	This recombinant protein is the major form secreted by macrophages. IL-8 is a chemokine produced by macrophages and other cell types such as epithelial cells, airway smooth muscle cells and endothelial cells.
别称	interleukin 8, IL8, AMCF-I, CXCL8
蛋白编码	P26894
分子量	The protein has a calculated MW of 10.04 kDa. The protein migrates about 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 BaF3 cells transfected with human CXCR2. The ED ₅₀ for this effect is <5 ng/mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MARVSAELRCQCINTHSTPFHPKFIKELRVIESGPHCENSEIIVKLVNGKEVCLDPKEKWVQKVV QIFLK RTEKQQQQQ with polyhistidine tag at the C-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

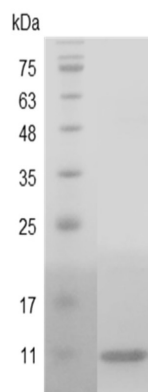
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 swine IL-8

For Research Use or Further Manufacturing Only

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