

# CHAMOT

重组人白介素18结合蛋白 /Recombinant IL-18BP,  
Human, AF, HEK293

CM194-5HP

CM194-20HP

CM194-100HP

CM194-500HP

CM194-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组人白介素18结合蛋白 / Recombinant IL-18BP, Human, AF, HEK293

产品编号	CM194-5HP	CM194-20HP	CM194-100HP	CM194-500HP	CM194-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

<b>背景描述</b>	IL18BP, specifically binds to IL-18, suppressing its activity. IL18BP lacks a transmembrane domain and is prominently expressed in the heart, lung, placenta, and spleen. Additionally, IL18BP regulates the early TH1 cytokine response by reducing IFN-gamma production, moderating T-helper type 1 immune responses.
<b>别称</b>	Tadakinig-alfa, IL18BP
<b>蛋白编码</b>	O95998
<b>分子量</b>	The protein has a calculated MW of 18.44 kDa. The protein migrates as 35 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	HEK293 cell
<b>纯度</b>	>95% as determined by SDS-PAGE.
<b>生物活性</b>	Measured by its ability to bind human IL-18 in functional ELISA. Immobilized Recombinant human IL-18 at 5 µg/mL (100 µL/well) can bind Recombinant Human IL-18BP Protein.
<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>	A DNA sequence encoding Human IL-18BP Protein(#O95998) (Met1-Gly194) was expressed with polyhistidine tag at the C-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 (≥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

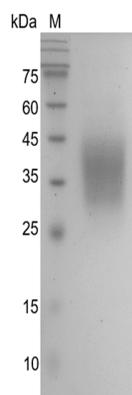
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 IL-18BP

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