

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

背景描述	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.
别称	Tadekinig-alfa, IL18BP
蛋白编码	O95998
分子量	The protein has a calculated MW of 18.44 kDa. The protein migrates as 35 kDa under reducing condition (SDS-PAGE analysis).
表达系统	HEK293 cell
纯度	>95% as determined by SDS-PAGE.
生物活性	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.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	A DNA sequence encoding Human IL-18BP Protein(#O95998) (Met1-Gly194) was expressed 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

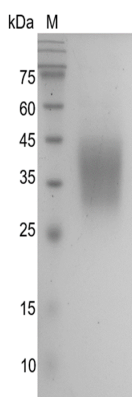
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 human IL-18BP

For Research Use or Further Manufacturing Only

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