

CHAMOT

**重组人白细胞介素28B /Recombinant IL-28B,
Human, Animal-Free**

CM033-5HP

CM033-20HP

CM033-100HP

CM033-500HP

CM033-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人白细胞介素28B /Recombinant IL-28B, Human, Animal-Free

产品编号	CM033-5HP	CM033-20HP	CM033-100HP	CM033-500HP	CM033-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Interleukin-28B (IL-28B, now known as Interferon Lambda 3, IFN-λ3) is a 19.77 kDa member of type III IFN family with 176 amino acid residues. IL-28B is expressed by epithelial tissues. Cytokine with antiviral, antitumor and immunomodulatory activities. Able to activate JAK/STAT signaling pathway via binding its receptor IFNLR1 in epithelial cells.

别称

interleukin 28B, interferon lambda 3, IFNL3, IFN-lambda-3, IFN-lambda-4, IL28B

蛋白编码

Q8IZI9

分子量

The protein has a calculated MW of 25.57 kDa. The protein migrates as 21 kDa under reducing condition (SDS-PAGE analysis).

表达系统

Escherichia coli

纯度

>95% as determined by SDS-PAGE.

生物活性

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED₅₀ for this effect is <5 ng/mL.

内毒素检测

<0.01 EU per 1 µg of the protein by the LAL method.

蛋白序列

MVPVARLRGALPDARGCHIAQFKSLSPQELQAFKRAKDALEESLLLKDCKCRSRLFPRTWDLR
QLQVRERPVALEAELALTLKVLEATADTDPALGDVLDQPLHTLHHILSQLRACIQPQPTAGPRTR
GRLHHWLHRLQEAPKKESPGCLEASVTFNLFRLLRDLNLCVASGDLCV 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 8.0. 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

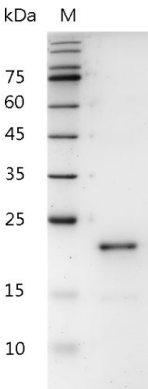
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

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