

CHAMOT

**重组人白细胞介素26 /Recombinant IL-26, Human,
Animal-Free**

CM030-5HP

CM030-20HP

CM030-100HP

CM030-500HP

CM030-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组人白细胞介素26 /Recombinant IL-26, Human, Animal-Free

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|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM030-5HP | CM030-20HP | CM030-100HP | CM030-500HP | CM030-1000HP |
| 规格 | 5 µg | 20 µg | 100 µg | 500 µg | 1 mg |

产品简介

背景描述

Interleukin 26 (IL-26) predicts a molecular mass of 19.8 kDa, is expressed in certain herpesvirus-transformed T cells but not in primary stimulated T cells. T helper 1 cells and Th17 memory CD4+ cells are the major sources of IL-26. More accurately, IL-26 is expressed by pro-inflammatory IL-17 producing T cells in chronically inflamed tissues.

别称

interleukin 26, AK155, IL26

蛋白编码

Q9NPH9

分子量

The protein has a calculated MW of 18.53 kDa. The protein migrates as 18 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 induce IL-10 secretion in COLO205 cells. The ED₅₀ for this effect is <150 ng/mL.

内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列

MKHKQSSFTKSCYPRGTLTQAVDALYIKAAWHKATIPEDRIKNIRLLKKTKKQFMKNCQFQE
QLLSFFMEDVFGQLQLQGCKKIRFVEDFHSLRQKLSHCISCASSAREMKSITRMKRIFYRIGNK
GIYKAISELDILLSWIKKLLESSQ 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

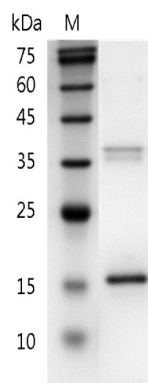
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



SDS-PAGE analysis of recombinant human IL-26

For Research Use or Further Manufacturing Only

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