

CHAMOT

**重组人白细胞介素30 /Recombinant IL-30, Human,
Animal-Free**

CM035-5HP

CM035-20HP

CM035-100HP

CM035-500HP

CM035-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人白细胞介素30 /Recombinant IL-30, Human, Animal-Free

产品编号	CM035-5HP	CM035-20HP	CM035-100HP	CM035-500HP	CM035-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Interleukin 30 (IL-30) is a 27 kDa cytokine with 216 amino acid residues. IL-30, also known as IL-27A, forms a complex named IL-27 with Ebi3 and is secreted from cells of myeloid origin, such as monocytes, macrophages, and dendritic cells. IL-30 /Ebi3 complex mediates T-cell immunity, promoting Th1 differentiation, inhibiting Th2 differentiation, and inhibiting Th17 differentiation. IL-30 also can be secreted independently of Ebi3 and modulate bacteria-induced oxidative burst and cytokine production.

别称

interleukin 30, IL-27-p28 subunit, IL27A; IL-27A; IL27p28, IL30

蛋白编码

Q8NEV9

分子量

The protein has a calculated MW of 25.47 kDa. The protein migrates as 28 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

Testing in process

内毒素检测

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

蛋白序列

MFPRPPGRPQLSLQELRREFTVSLHLARKLLSEVRGQAHRFAESHLPGVNLYLLPLGEQLPDVSL
TFQAWRRRLSDPERLCFISTTLQPFHALLGGLGTQGRWTNMERMQLWAMRLDLRDLQRHLRF
QVLAAGFNLPEEEEEEEEEEEEEERKGLLPALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAV
RELLLLSKAGHSVWPLGFPTLSPQP 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

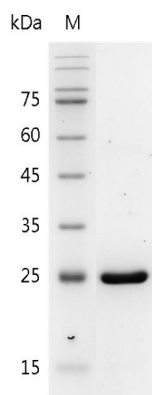
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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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