

CHAMOT

**重组人白细胞介素25 /Recombinant IL-25, Human,
Animal-Free**

CM029-5HP

CM029-20HP

CM029-100HP

CM029-500HP

CM029-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人白细胞介素25 /Recombinant IL-25, Human, Animal-Free

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|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM029-5HP | CM029-20HP | CM029-100HP | CM029-500HP | CM029-1000HP |
| 规格 | 5 µg | 20 µg | 100 µg | 500 µg | 1 mg |

产品简介

| | |
|-------|---|
| 背景描述 | Interleukin 25 (IL-25) is a cytokine with proinflammatory and anti-inflammatory effects, it predicts a molecular mass of 16.7 kDa. It can induce NF-κB activation, and stimulate the production of IL-8, which is the major chemotactic substance of neutrophils. |
| 别称 | interleukin 25, IL17E, IL25, IL-17E |
| 蛋白编码 | Q9H293 |
| 分子量 | The protein has a calculated MW of 17.68 kDa. The protein migrates as 19 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-8 secretion in human PBMCs. The ED ₅₀ for this effect is <5 ng/mL. Measure by its ability to induce CXCL1 secretion in HT29 cells. The ED ₅₀ for this effect is <1 ng/mL. |
| 内毒素检测 | <0.1 EU per 1 µg of the protein by the LAL method. |
| 蛋白序列 | MYSHWPSCCPSKGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRAISPWRYELDRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELYHNQTVFYRRPCHGEKGTHKGYCLERRLYRVSLACVCVRPRVMG 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

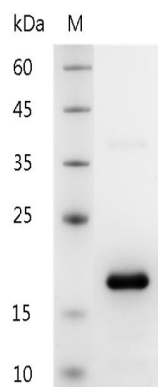
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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-25

For Research Use or Further Manufacturing Only

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