

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

CONTENT

1

产品简介

2

产品使用

3

产品储存/运输

4

实验数据展示

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

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	MYSHWPSCCPKGQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRAISPWRYEL DRDLNRLPQDLYHARCLCPHCVSLQTGSHMDPRGNSELLYHNQTVFYRRPCHGEKGTHKGY CLERRLYRVSLACVCVRPRVMG 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 ($\geq 20 \mu\text{l}$).
- 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

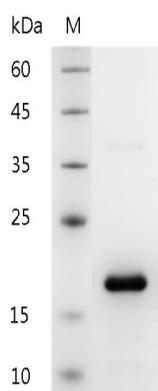
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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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