

CHAMOT

**重组人白细胞介素17B /Recombinant IL-17B,
Human, Animal-Free**

CM019-5HP

CM019-20HP

CM019-100HP

CM019-500HP

CM019-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人白细胞介素17B /Recombinant IL-17B, Human, Animal-Free

产品编号	CM019-5HP	CM019-20HP	CM019-100HP	CM019-500HP	CM019-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述 Interleukin 17B (IL-17B) predicts a molecular mass of 20.4 kDa, is expressed in several peripheral tissues and immune tissues. In contrast to the high level of IL-6 secretion stimulated by IL-17A, IL-17B failed to induce IL-6 secretion in fibroblasts; however, it significantly enhanced the TNF- α -induced production of G-CSF and IL-6 in the fibroblasts.

别称 interleukin 17B, NIRF, Cytokine ZCYTO7, IL17, IL17B

蛋白编码 Q9UHF5

分子量 The protein has a calculated MW of 19.09 kDa. The protein migrates as 17 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 ED₅₀ for this effect is <49 ng/mL.

内毒素检测 <0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列 MQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMVAQLRNSSELA QRKCEVNLQLWMSNKRSLSPWGYSINHDPSRIPVDLPEARCLCLGCVNPFTMQEDRSMVSV PVFSQVPVRRRLCPPPPRTGPCRQRAVMETIAVGCTCIF 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

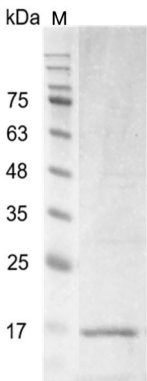
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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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