

CHAMOT

**重组小鼠白细胞介素20 /Recombinant IL-20,
Mouse, Animal-Free**

CM017-5MP

CM017-20MP

CM017-100MP

CM017-500MP

CM017-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组小鼠白细胞介素20 /Recombinant IL-20, Mouse, Animal-Free

产品编号	CM017-5MP	CM017-20MP	CM017-100MP	CM017-500MP	CM017-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Interleukin 20 (IL-20) predicts a molecular mass of 17.6 kDa. The IL-20 subfamily of cytokines is comprised of IL-19, IL-20, IL-22, IL-24, and IL-26. It regulates of differentiation of keratinocytes during inflammation, the expansion of multipotential hematopoietic progenitor cells.

别称

interleukin 20, Zcyto1, Zcyto10, If2d, IL20

蛋白编码

Q9JKV9

分子量

The protein has a calculated MW of 18.52 kDa. The protein migrates as 11-17 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 proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED₅₀ for this effect is <2 ng/mL.

内毒素检测

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

蛋白序列

MLKTLHLGSCVITANLQAIQKEFSEIRDSVQAEDTNIDIRILRTTESLKDIKSLDRCCFLRHLVRFYL
DRVFKVYQTPDHHTLRKISSLANSLFIKKDLSVCHSHMACHCGEEAMEKYNQILSHFIELELQA
AVVKALGELGILLRWMEEML 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 7.4. 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

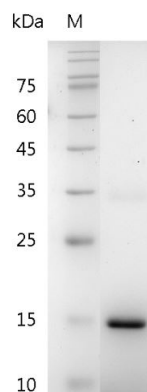
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 mouse IL-20

For Research Use or Further Manufacturing Only

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