

CHAMOT

重组小鼠白细胞介素19 /Recombinant IL-19,
Mouse, Animal-Free

CM076-5MP

CM076-20MP

CM076-100MP

CM076-500MP

CM076-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

重组小鼠白细胞介素19 /Recombinant IL-19, Mouse, Animal-Free

| 产品编号 | CM076-5MP | CM076-20MP | CM076-100MP | CM076-500MP | CM076-1000MP |
|------|-----------|------------|-------------|-------------|--------------|
| 规格 | 5 µg | 20 µg | 100 µg | 500 µg | 1 mg |

产品简介

| | |
|--------------|---|
| 背景描述 | Interleukin 19 (IL-19) predicts a molecular mass of 35.8 kDa, is a type of anti-inflammatory cytokine. It promotes the Th2 T-cell response which supports an anti-inflammatory lymphocyte phenotype, dampens the Th1 T-cell response and IFN γ secretion, increases IL-10 expression in peripheral blood mononuclear cells, and inhibits the production of IgG from B cells. |
| 别称 | interleukin 19, IL19 |
| 蛋白编码 | Q8CJ70 |
| 分子量 | The protein has a calculated MW of 18.54 kDa. The protein migrates as 17-25 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 ED ₅₀ for this effect is <0.6 ng/mL. |
| 内毒素检测 | <0.1 EU per 1 µg of the protein by the LAL method. |
| 蛋白序列 | MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNNLLTFYRDRV FQDHQERSLEVLRISSIANSFLCVQKSLERCQVHRQCNCSQEATNATRIIHDNQNQLEVSSAA LKSLGELENILLAWIDRNHLETPAA 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 ($\geq 20 \mu\text{l}$).
- 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

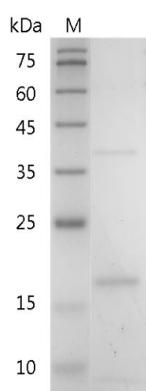
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

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