

CHAMOT

重组小鼠白细胞介素27 EBI3 /Recombinant IL-27 EBI3, Mouse, Animal-Free

CM023-5MP

CM023-20MP

CM023-100MP

CM023-500MP

CM023-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组小鼠白细胞介素27 EBI3 /Recombinant IL-27 EBI3, Mouse, Animal-Free

| 产品编号 | CM023-5MP | CM023-20MP | CM023-100MP | CM023-500MP | CM023-1000MP |
|------|-----------|------------|-------------|-------------|--------------|
| 规格 | 5 µg | 20 µg | 100 µg | 500 µg | 1 mg |

产品简介

背景描述

Interleukin 27 EBI3 (IL-27 EBI3) predicts a molecular mass of 23.4 kDa. IL-27 is a heterodimeric cytokine that is encoded by Epstein-Barr virus-induced gene 3 (EBI3) and IL-27p28. It is expressed by antigen presenting cells and interacts with a specific cell-surface receptor complex known as IL-27 receptor (IL-27R).

别称

interleukin 27 EBI3, IL-27, Interleukin-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EBI3, IL27

蛋白编码

O35228

分子量

The protein has a calculated MW of 23.84 kDa. The protein migrates about 25 kDa under reducing condition (SDS-PAGE analysis).

表达系统

Escherichia coli

纯度

>95% as determined by SDS-PAGE.

生物活性

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED₅₀ for this effect is <5 ng/mL.

内毒素检测

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

蛋白序列

MALVALSQPRVQCHASRYPVAVDCSWTPLQAPNSTRSTSFIATYRLGVATQQSQPCLQRSP
QASRCTIPDVHLFSTVPYMLNVTAVHPGGASSLLAFVAERIIKPDPPPEGVRLRTAGQRLQVLW
HPPASWPFDPDIFSLKYRLRYRRRGASHFRQVGPIEATFTLRNSKPHAKYCIQVSAQDLTDYGK
PSDWSLPGQVESAPHKP 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

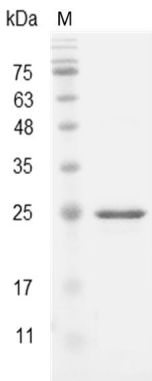
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

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