

## IL-4/BSF-1, Mouse, Recombinant

货号: PCK033

### 产品信息

别名 BCGF, BCDF, B-cell Stimulating Factor (BSF-1) .e., Pricella

物种 Mouse

表达宿主 E.coli

序列信息 MHIHGCDKNHLREIIGILNEVTGEGTPCTEMDVPNVLTATKNTTESELVCRA

SKVLRIFYLKHGKTPCLKKNSSVLMELORLFRAFRCLDSSISCTMNESKSTSL

KDFLESLKSIMQMDYS with polyhistidine tag at the C-terminus.

检索号 P07750.1

分子量 14.5 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce HT-2 cells proliferation. The ED50 for this effect is

<1 ng/mL. The specific activity of recombinant mouse IL-4 is approximately >1 x

10^6 IU/mg.

# 产品特性

Pricella 纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

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

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon

> reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1% BSA,10%FBS,5%HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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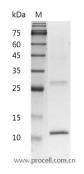
#### 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

# 背景介绍

The interleukin 4 (IL4, IL-4) is a cytokine that induces differentiation of naive helper T cells (Th0 cells) to Th2 cells. Upon activation by IL-4, Th2 cells subsequently produce additional IL-4 in a positive feedback loop. The cell that initially produces IL-4, thus inducing Th2 differentiation, has . 18 close not been identified, but recent studies suggest that basophils may be the effector cell. It is closely related and has functions similar to Interleukin 13.

#### **SDS-PAGE**



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