

### IL-2/TCGF/Aldesleukin, Swine, Recombinant

货号: PCK342

## 产品信息

别名 T-cell Growth Factor (TCGF), Aldesleukin, POIL2 ..., P( Pricella

物种 Swine

表达宿主 E.coli

序列信息 MAPTSSSTKNTKKQLEPLLLDLQLLLKEVKNYENADLSRMLTFKFYMPKQ

> ATELKHLQCLVEELKALEGVLNLGQSKNSDSANIKESMNNINVTVLELKGS ETSFKCEYDDETVTAVEFLNKWITFCQSIYSTLT with polyhistidine tag at the

C-terminus

检索号 P26891.1

分子量 16.2 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce proliferation in CTLL2 cells. The ED50 for this

effect is 0.5 ng/mL.

# 产品特性

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

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.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







#### 复融

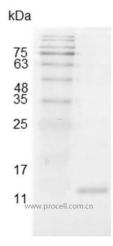
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

Interleukin-2 (IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system. It is a 15,5 - 16 kDa protein that regulates the activities of white blood cells (leukocytes, often lymphocytes) that are responsible for immunity. IL-2 is part of the body's natural response to microbial infection, and in discriminating between foreign ("non-self") and "self". IL-2 mediates its effects by binding to IL-2 receptors, which are expressed by lymphocytes.

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#### **SDS-PAGE**



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地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋



