

IL-2/TCGF/Aldesleukin, Swine, Recombinant

货号：PCK342

产品信息

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| 别名 | T-cell Growth Factor (TCGF), Aldesleukin, POIL2 |
| 物种 | Swine |
| 表达宿主 | E.coli |
| 序列信息 | MAPTSSSTKNTKKQLEPLLLDLQLLLKEVKNYENADLSRMLTFKFYMPKQ ATELKHLQCLVEELKALEGVNLGQSKNSDSANIKESMNNINVTVLELKGS 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

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| 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. |



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

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.

SDS-PAGE

