

IL-2/TCGF/Aldesleukin, Mouse, Recombinant

货号: PCK025

产品信息

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

物种 Mouse

表达宿主 E.coli

序列信息 MAPTSSSTSSSTAEAQQQQQQQQQQQQHLEQLLMDLQELLSRMENYRNLK

> LPRMLTFKFYLPKQATELKDLQCLEDELGPLRHVLDLTQSKSFQLEDAENFI SNIRVTVVKLKGSDNTFECQFDDESATVVDFLRRWIAFCQSIISTSPQ with

polyhistidine tag at the C-terminus.

检索号 P04351.1

分子量 18.2 kDa

标签 His-tag at the C-terminus

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

is <0.3 ng/mL. The specific activity of recombinant mouse IL-2 is approximately

>3x10^6 IU/mg. Procel

产品特性

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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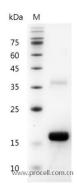
复融

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

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 …ediate Pricella Procell 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



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