賽® | Procell system

普诺赛® Procell system

IL-2/TCGF/Aldesleukin, Human, Recombinant

Cat. No.: PCK023

产品信息

别名 T-cell Growth Factor (TCGF);Aldesleukin

物种 Human

表达宿主 E.coli

序列信息 MAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMPKKATELKHLQCLEEE

LKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELKGSETTFMCEYADETATIVEFLNRWITFCQSII

STLT with polyhistidine tag at the C-terminus.

检索号 P60568.1

标签 His-tag at the C-terminus

分子量 16.4 kDa 有效期 12 months

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

0.2 ng/mL. The specific activity of recombinant human IL-2 is approximately > 2.5×10^7 IU/mg.Measure by its ability to induce proliferation in NK cells. The ED50 for this

effect is < 46 ng/mL.

产品特性

内毒素 (EU/μg) < 0.1

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 1 × PBS, pH 8.0.

复溶 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.

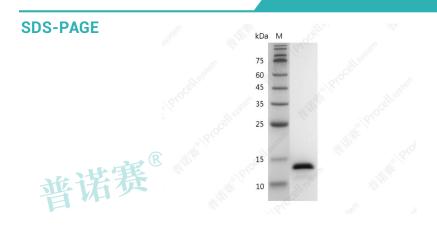
网站: <u>www.procell.com.cn</u> 电话: 400-999-2100

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







普诺赛[®] | Procell system

普诺赛® Procell system

普诺赛® Procell system

网站: <u>www.procell.com.cn</u> 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



