

IL-2 (C-6His), Human, Recombinant

Cat. No. : GPCK022

产品信息

物种	Human
表达宿主	Human Cells
序列信息	Ala21-Thr153
检索号	P60568
标签	C-6His
分子量	16.4 kDa
有效期	12 months
生物活性	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is $\geq 1 \times 10^7$ IU/mg.

产品特性

内毒素 (EU/ μ g)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μ m filtered solution of 10 mM Sodium Citrate, 4% Mannitol, pH 4.0.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin-2 (IL-2) is an Interleukin, a type of Cytokine signaling molecule in the immune system, belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes.

