

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

货号：PCK022

产品信息

别名	Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2
物种	Human
表达宿主	Human Cells
序列信息	Ala21-Thr153
检索号	P60568
分子量	16.4 kDa
标签	C-6His
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

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per μg as determined by LAL test.
保存	Lyophilized protein should be stored at $-5 \sim -20^\circ\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2 \sim 8^\circ\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $-5 \sim -20^\circ\text{C}$ for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a $0.2 \mu\text{m}$ filtered solution of 20mM PB, 150mM NaCl, pH 7.4.



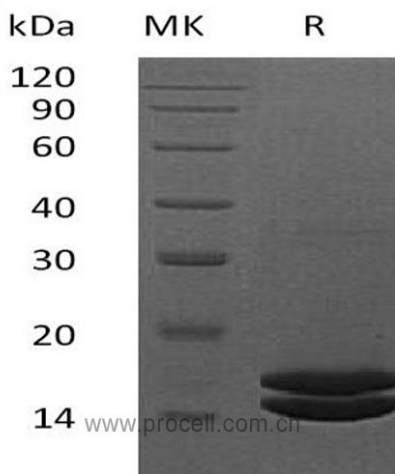
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

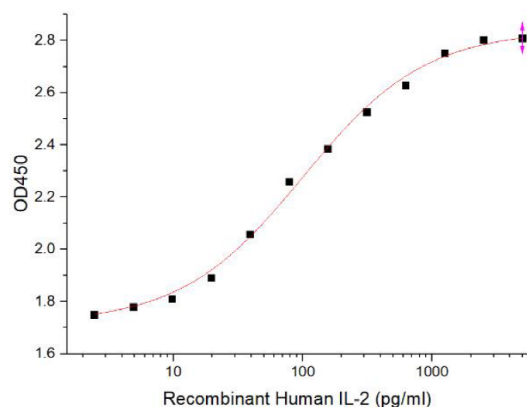
背景介绍

Interleukin-2 (IL-2) is an Interleukin, a type of Cytokine signaling molecule in the immune system. It 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.

SDS-PAGE



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.

