

## 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 $\mu\text{g}$ 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.  |



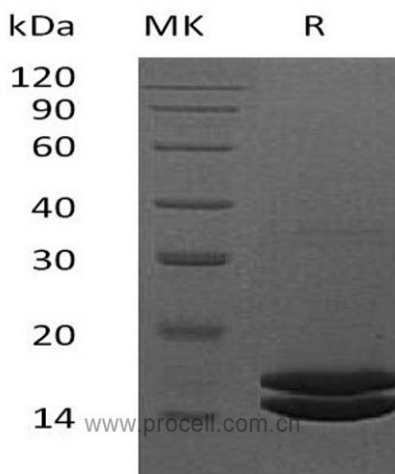
## 复融

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.

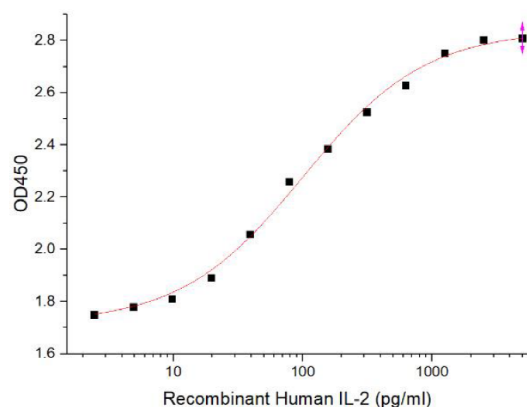
## 背景介绍

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.

