

## IL-2RB/ CD122 (C-6His), Human, Recombinant

货号 : PCK151

### 产品信息

|      |                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 别名   | Interleukin-2 Receptor subunit beta; IL2RB; IL-2 Receptor subunit beta; IL-2R subunit beta; High affinity IL-2 Receptor subunit beta; CD122 |
| 物种   | Human                                                                                                                                       |
| 表达宿主 | Human Cells                                                                                                                                 |
| 序列信息 | Ala27-Asp239                                                                                                                                |
| 检索号  | P14784                                                                                                                                      |
| 分子量  | 25.6 kDa                                                                                                                                    |
| 标签   | C-6His                                                                                                                                      |
| 生物活性 | Loaded Human IL-2RB-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 0.27 uM as determined in BLI assay.            |

### 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~-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 µm filtered solution of PBS, pH7.4.                                                                                                                                                                      |



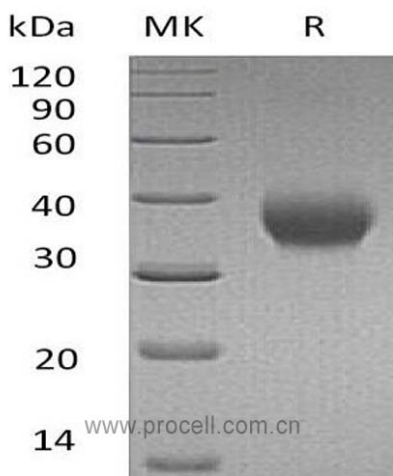
## 复融

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.

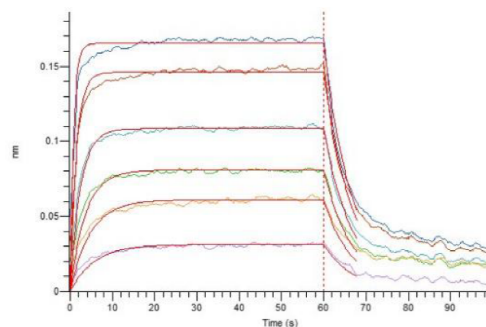
## 背景介绍

Human IL-2RB, also known as Interleukin-2 Receptor subunit beta, is the Receptor for Interleukin-2. IL2 Receptor complex is involved in Receptor mediated endocytosis and transduces the mitogenic signals of IL2. IL2 Receptor complex has three forms with respect to ability to bind IL2. IL-2RB is belonged to a type I membrane Protein, and has a 26 residue signal peptide, a 214 residue extracellular region, a 25 residue transmembrane region and a 286 residue cytoplasmic domain. IL-2RB is the subunit critical for Receptor-mediated signaling via physically or functionally coupling to other signaling molecules, such as the Jak-STAT and Src-family Protein tyrosine kinase although it lacks apparent catalytic Motifs.

## SDS-PAGE



## 生物活性



Loaded Human IL-2RB-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 0.27 uM as determined in BLI assay.

