

## IL-1R-2/ CD121b, Human, Recombinant

货号 : PCK166

### 产品信息

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| 别名   | Interleukin-1 Receptor type 2; IL-1R-2; IL-1RT-2; IL-1RT2; CD121 antigen-like family member B; CDw121b; IL-1 type II Receptor; Interleukin-1 Receptor beta; IL-1R-beta; Interleukin-1 Receptor type II; CD121b |
| 物种   | Human  |
| 表达宿主 | Human Cells  |
| 序列信息 | Phe14-Glu343   |
| 检索号  | P27930   |
| 分子量  | 38.6 kDa   |
| 标签   | C-6His   |

### 产品特性

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|-----|---|
| 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

Interleukin-1 Receptor type 2 (IL1R2) belongs to the Interleukin-1 Receptor family. Two distinct types of IL1 Receptors which are able to bind IL1 specifically have been identified, designated as IL1RI (IL1RA) and IL1RII (IL1RB). IL1 Receptor type II is a 68 kDa transmembrane Protein found on B lymphocytes, neutrophils, monocytes, large granular leukocytes and endothelial cells. IL1R2 is non-signaling Receptor for IL1A, IL1B and IL1RN, reduces IL1B activities. IL1R2 serves as a decoy Receptor by competitive binding to IL1B and preventing its binding to IL1R1. IL1R2 modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/ soluble Receptors.

## SDS-PAGE

