

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

货号: PCK166

产品信息

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

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.

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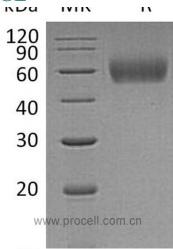
复融

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 forIL1A, IL1B and IL1RN, reduces IL1B activities. IL1R2 serves as a decoy Receptor by competetive 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



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