

# Human IL-1R1/CD121a recombinant protein



Catalog Number: 504187

## General Information

### Gene Name Synonym

CD121 antigen-like family member A; Interleukin-1 receptor alpha; Interleukin-1 receptor type I; p80; Interleukin-1 receptor type 1, membrane form; Interleukin-1 receptor type 1, soluble form

### Protein Construction

A DNA sequence encoding the human IL1R1 (NP\_000868.1) (Met1-Thr332) was expressed with five amino acids (DDDDK) at the C-terminus was expressed and purified.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Leu 18

## Molecular Mass

The recombinant human IL1R1 consists of 321 amino acids and predicts a molecular mass of 36.8 KDa. It migrates as an approximately 56 KDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

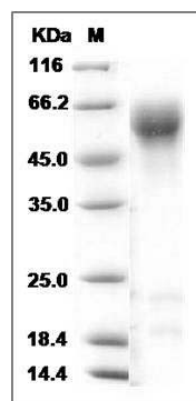
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human IL1R1 / CD121a Protein SDS-PAGE