

# Human IL-1R9/IL1RAPL2 (His Tag) recombinant protein



Catalog Number: 501318

## General Information

### Gene Name Synonym

IL1RAPL-2-related protein; Interleukin-1 receptor 9; Three immunoglobulin domain-containing IL-1 receptor-related 1

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Glu 356) of human IL1R9 (NP\_059112.1) was expressed, with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % 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

Thr 17

### Molecular Mass

The secreted recombinant human IL1R9 consists of 351 amino acids and has a predicted molecular mass of 40.7 kDa. In SDS-PAGE, the apparent molecular mass of rh IL1R9 is approximately 50-55 kDa due to glycosylation.

### 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

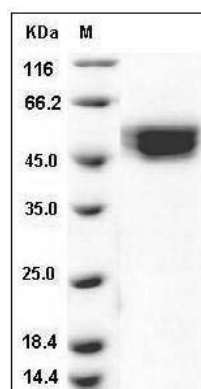
### Storage

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 IL-1R9 / IL1RAPL2 Protein (His Tag) SDS-PAGE