

## 32-17878: Recombinant Human IL1R2 Protein, His Tag

**Uniprot ID :** P27930

**Alternative Name :** IL-1RT2, IL1RB, CDw121b, IL-1R-beta, CD121b

### Description

Molecular Characterization: IL1R2(Phe14-Glu343) 6 $\tilde{\text{A}}$ —His tag

Molecular weight: The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of IL1R2-His is approximately 35-55 kDa due to glycosylation.

Description: Recombinant human IL1R2 protein with C-terminal 6 $\tilde{\text{A}}$ —His tag

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage.

### Product Info

**Amount :** 100  $\mu\text{g}$  / 50  $\mu\text{g}$

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.