

## 32-18453: Human IL1RA Protein, mFc Tag

**Uniprot ID :** P14778

**Alternative Name :** P80; IL1R; CRMO3; IL1R1; CD121A; D2S1473; IL-1RT1; IL-1R-alpha

### Description

**Description :** Recombinant human IL1RA Protein with C-terminal mouse Fc tag

**Background :** This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12.

**Molecular Characterization:** mass of 62.4 kDa after removal of the signal peptide. The apparent molecular mass of IL1RA-mFc is approximately 70-100 kDa due to glycosylation.

**Tag :** C-mouse Fc tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**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.

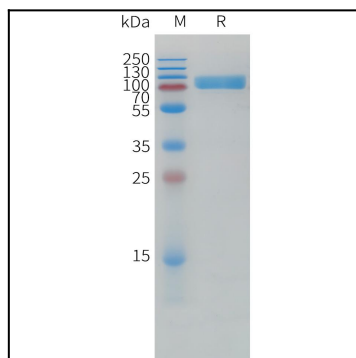


Figure 1. Human IL1RA Protein, mFc Tag on SDS-PAGE under reducing condition.

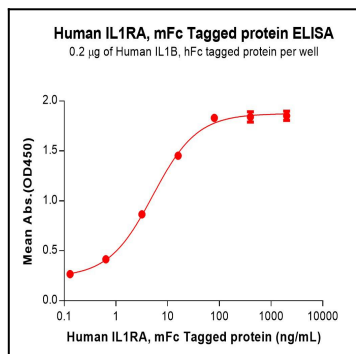


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL1B Protein, hFc Tag can bind Human IL1RA Protein, mFc Tag in a linear range of 0.64–80 ng/mL.