

## **PRODUCT INFORMATION**

**Target** IL1RL2

**Synonyms** IL-1Rrp2;IL-36R;IL1R-rp2;IL1RRP2

Recombinant Human IL1RL2 Protein with C-**Description** 

terminal 6×His tag

**Delivery** In Stock **Uniprot ID Q9HB29 Expression Host HEK293** 

Tag C-6×His Tag

Molecular Characterization

**Purity** 

**Background** 

IL1RL2(Asp20-Arg335) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight** 36.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the interleukin 1 receptor family. An experiment with transient gene expression demonstrated that this receptor was incapable of binding to

interleukin 1 alpha and interleukin 1 beta with high affinity. This gene and four other interleukin 1 receptor family genes, including interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor.

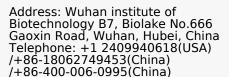
(IL1RL1), and interleukin 18 receptor 1 (IL18R1), form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by

RefSeq, Jul 2008]

Usage Research use only

Unconjugated Conjugate

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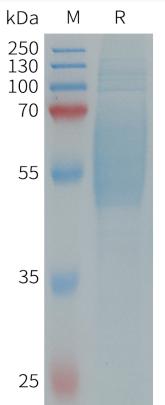


Figure 1.Human IL1RL2 Protein, His Tag on SDS-PAGE under reducing condition.

## Human IL1RL2, His Tagged protein ELISA

0.2 μg of Human IL1RL2, His tagged protein per well

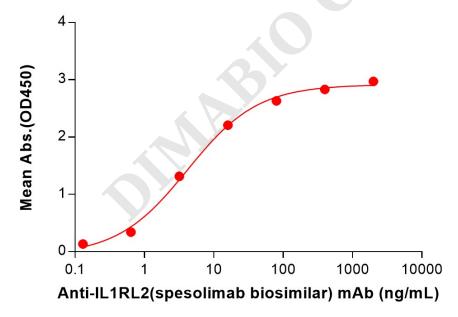


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human IL1RL2 Protein, His Tag (PME101318) can bind Anti-IL1RL2(spesolimab biosimilar) mAb (BME100235) in a linear range of 0.64–80 ng/mL.

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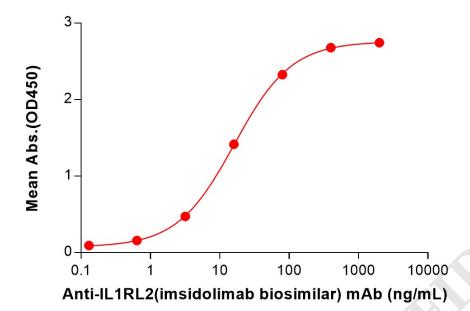


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human IL1RL2 Protein, His Tag (PME101318) can bind Anti-IL1RL2(imsidolimab biosimilar) mAb (BME100251) in a linear range of 3.20–400 ng/mL.

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