

PRODUCT INFORMATION

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|---|---|
| Target | IL1RL2 |
| Synonyms | IL-1Rrp2;IL-36R;IL1R-rp2;IL1RRP2 |
| Description | Recombinant Human IL1RL2 Protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q9HB29 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | IL1RL2(Asp20-Arg335) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 36.8 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | 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-like 1 (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 |
| Conjugate | Unconjugated |



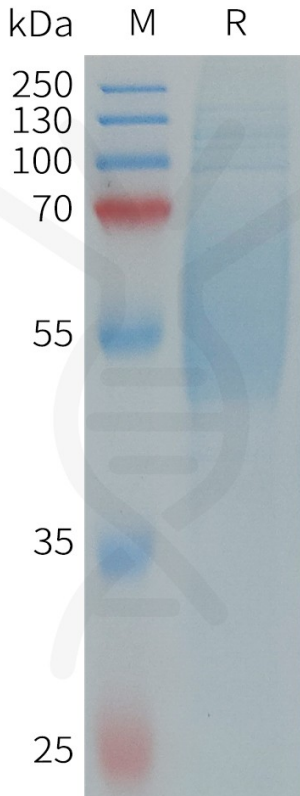


Figure 1. Human IL1RL2 Protein, His Tag on SDS-PAGE under reducing condition.

Human IL1RL2, His Tagged protein ELISA

0.2 µg of Human IL1RL2, His tagged protein per well

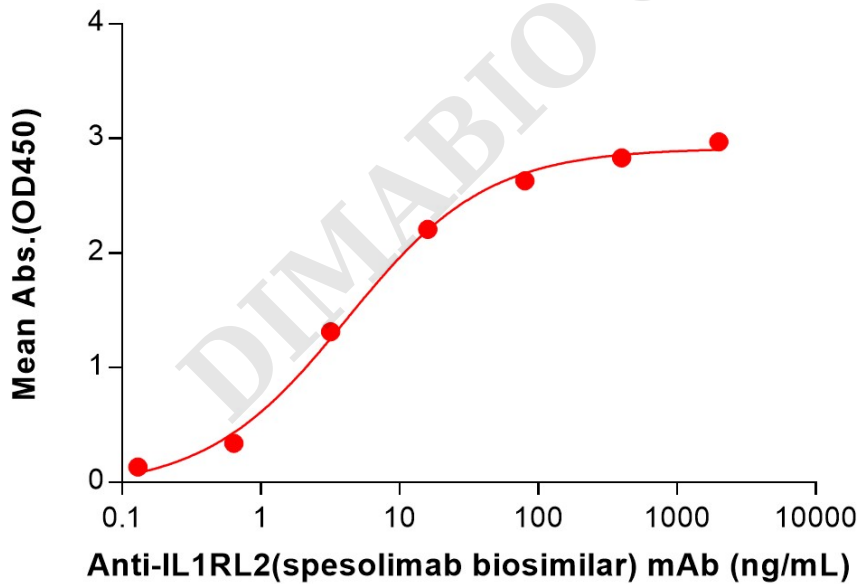


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL1RL2 Protein, His Tag (PME101318) can bind Anti-IL1RL2(spesolimab biosimilar) mAb (BME100235) in a linear range of 0.64–80 ng/mL.



Human IL1RL2, His Tagged protein ELISA

0.2 μg of Human IL1RL2, His tagged protein per well

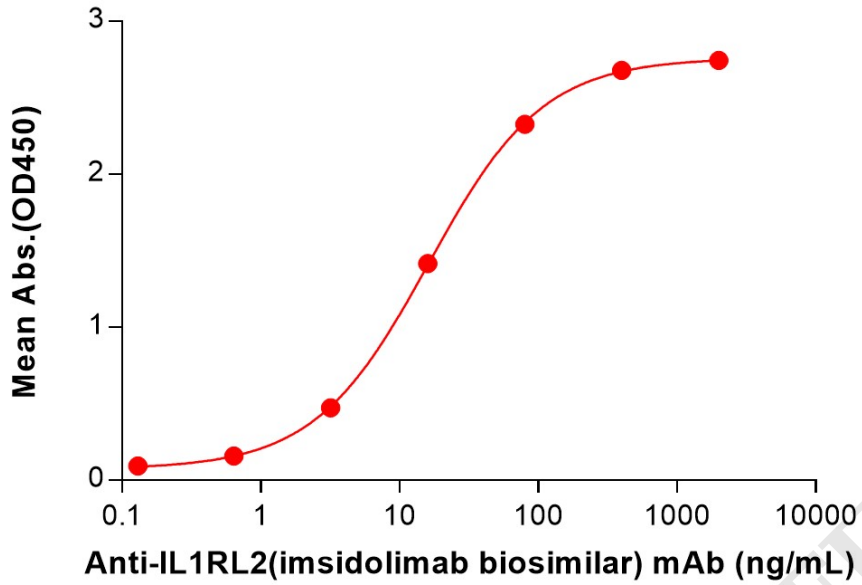


Figure 3. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human IL1RL2 Protein, His Tag (PME101318) can bind Anti-IL1RL2(imsidolimab biosimilar) mAb (BME100251) in a linear range of 3.20-400 ng/mL.

