

**PRODUCT INFORMATION**

<b>Target</b>	IL1RAP
<b>Synonyms</b>	IL-1RAcP;IL-1R3
<b>Description</b>	Recombinant human IL1RAP protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9NPH3
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	IL1RAP(Ser21-Glu359) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 39.9 kDa after removal of the signal peptide. The apparent molecular mass of IL1RAP-His is approximately 55-70 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. [provided by RefSeq, Jul 2018]
<b>Usage</b>	Research use only



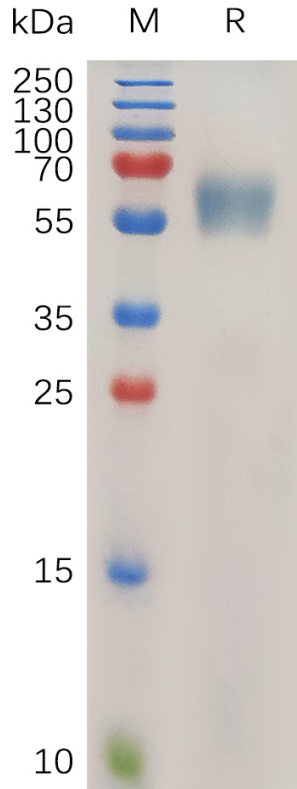


Figure 1. Human IL1RAP Protein, His Tag on SDS-PAGE under reducing condition.

### Human IL1RAP, His Tagged protein ELISA

0.2 µg of Human IL1RAP, His tagged protein per well

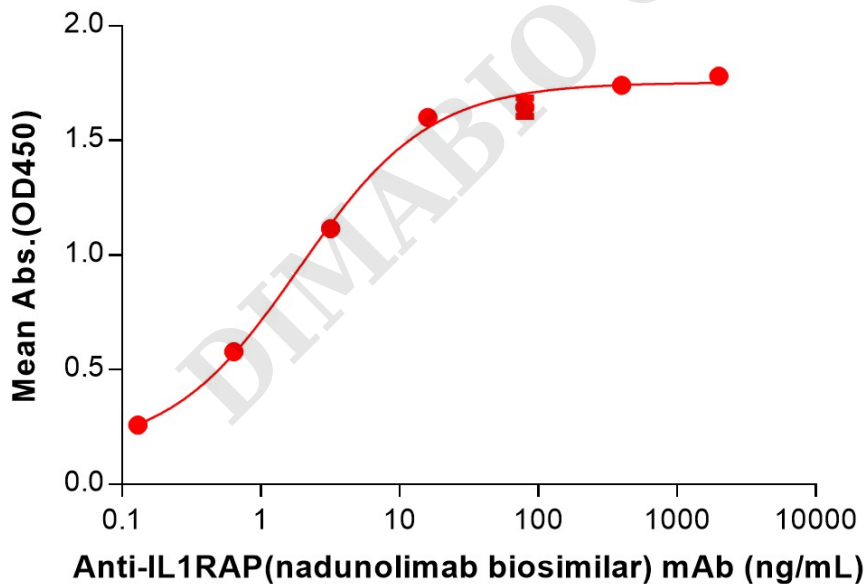


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL1RAP Protein, His Tag (PME100746) can bind Anti-IL1RAP(nadunolimab biosimilar) mAb (BME100241) in a linear range of 0.13-16 ng/mL.

