PRODUCT INFORMATION

Target	IL1RAP
Synonyms	IL-1RAcP;IL-1R3
Description	Recombinant human IL1RAP protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9NPH3
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	IL1RAP(Ser21-Glu359) 6×His tag
Molecular Weight	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.
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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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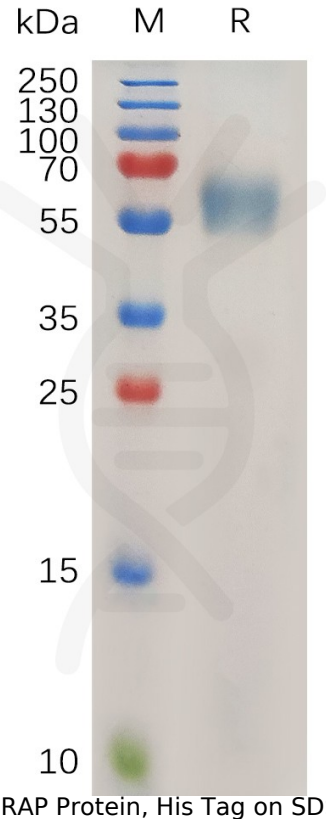


Figure 1. Human IL1RAP Protein, His Tag on SDS-PAGE under reducing condition.

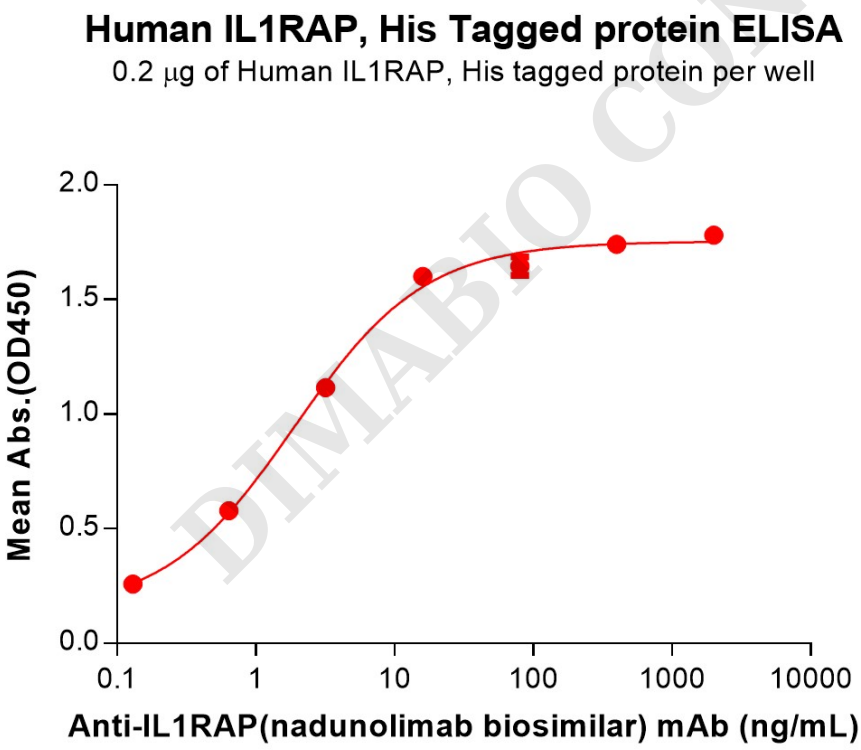


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human IL1RAP Protein, His Tag (PME100746) can bind Anti-IL1RAP(nadunolimab biosimilar) mAb (BME100241) in a linear range of 0.13–16 ng/mL.

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