PRODUCT INFORMATION

Target	IL1RA
Synonyms	IL1R1; P80; IL1R; CRMO3; CD121A; D2S1473; IL-1RT1; IL-1R-alpha
Description	Recombinant human IL1RA Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P14778
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	IL1RA(Leu18-Thr332) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 37.5 kDa after removal of the signal peptide. The apparent molecular mass of IL1RA-His is approximately 35-70 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 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. [provided by RefSeq, Dec 2013]
Usage	Research use only
Conjugate	Unconjugated

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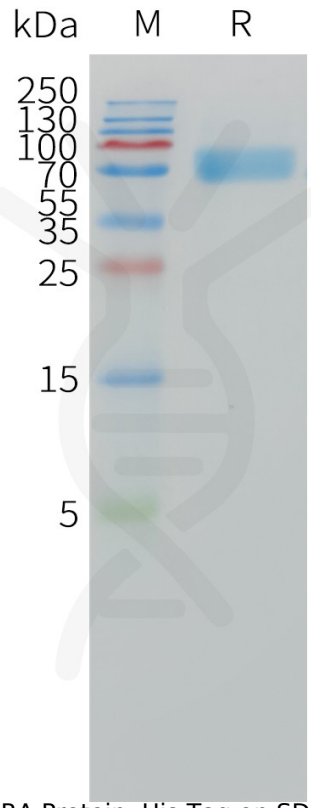


Figure 1. Human IL1RA Protein, His Tag on SDS-PAGE under reducing condition.

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