

# Active Recombinant Human IL1RAP protein, His-tagged, Low Endotoxin

**Cat. No.** IL1RAP-2256H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL1RAP protein(Q9NPH3-1)(Ser21-Glu359), fused with C-terminal His tag, was expressed in HEK293.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                        |
| <b>ProteinLength</b>    | 21-359 aa                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                               |
| <b>Bio-activity</b>     | Immobilized Human IL-1R3, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 40.72 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.                                           |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                   |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                             |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3                                                                                             |

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** IL1RAP interleukin 1 receptor accessory protein [ Homo sapiens ]

**Official Symbol** IL1RAP

**Synonyms** IL1RAP; interleukin 1 receptor accessory protein; interleukin-1 receptor accessory protein; C3orf13; IL 1RAcP; IL1R3; IL-1R3; interleukin-1 receptor 3; IL-1 receptor accessory protein; interleukin-1 receptor accessory protein beta; IL-1RAcP; FLJ37788;

**Gene ID** 3556

**mRNA Refseq** NM\_001167928

**Protein Refseq** NP\_001161400

**MIM** 602626

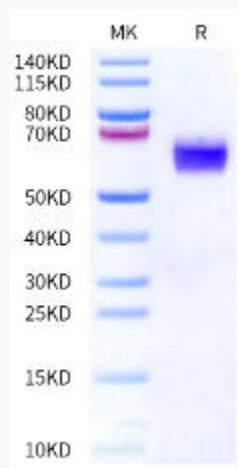
**UniProt ID** Q9NPH3

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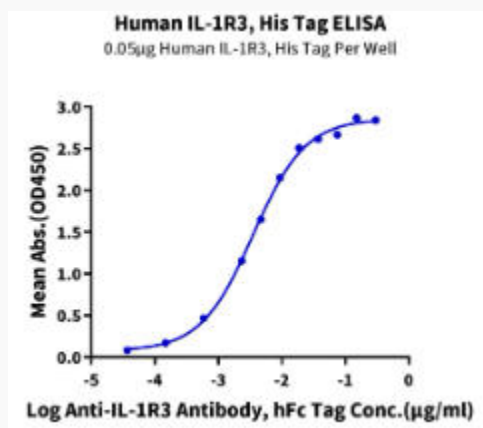
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## Bis-Tris PAGE



## ELISA Data



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