

Datasheet for ABIN7274905  
**IL1RAP Protein (His-Avi Tag,Biotin)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	IL1RAP
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RAP protein is labelled with His-Avi Tag,Biotin.

## Product Details

Sequence:	Ser21-Glu359
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Biotinylated Human IL-1R3 at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC50 of 11.3ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	IL1RAP
Alternative Name:	IL-1R3 ( <a href="#">IL1RAP Products</a> )
Background:	IL1RAP, C3orf13, IL-1 R3, IL-1 RAcP,IL-1 Receptor Accessory Protein (IL-1 RAcP), also known as IL-1 R3, is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of

## Target Details

proteins. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. IL-1 R3 is a coreceptor for IL1RL2 in the IL-36 signaling system. IL-1 R3 is a coreceptor with IL1R1 in the IL-1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B and other pathways.

Molecular Weight: 42 kDa. Due to glycosylation, the protein migrates to 52-70 kDa based on Tris-Bis PAGE result.

Pathways: [NF-kappaB Signaling](#), [Growth Factor Binding](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

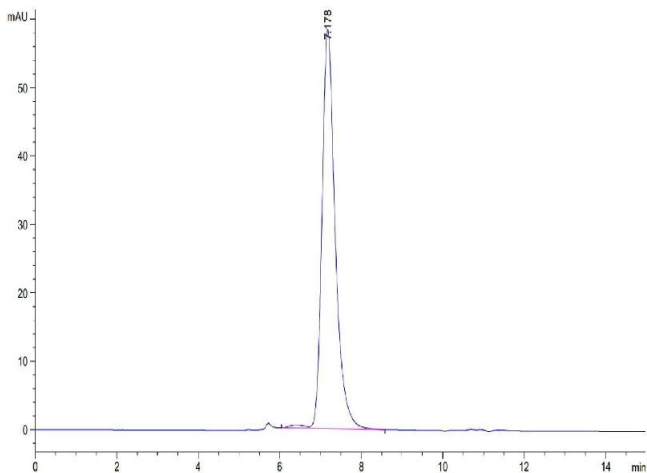
Storage: 4 °C,-80 °C

Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

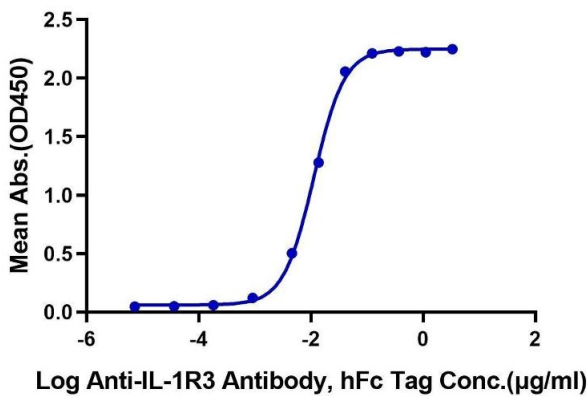
**Image 1.** The purity of Biotinylated Human IL-1R3 is greater than 95 % as determined by SEC-HPLC.



**Biotinylated Human IL-1R3, His Tag ELISA**  
0.05µg Biotinylated Human IL-1R3, His Tag Per Well

ELISA

**Image 2.** Immobilized Biotinylated Human IL-1R3 at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC50 of 11.3 ng/mL determined by ELISA.



SDS-PAGE

**Image 3.** Biotinylated Human IL-1R3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

