

Datasheet for ABIN7274903  
**IL1RL2 Protein (His-Avi Tag,Biotin)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IL1RL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL2 protein is labelled with His-Avi Tag,Biotin.

## Product Details

Sequence:	Asp20-Arg335
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 Anti-IL-1 Rrp-2 Antibody, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human IL-1 Rrp2, His Tag with the EC50 of 46.5ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	IL1RL2
Alternative Name:	IL-1 Rrp2 ( <a href="#">IL1RL2 Products</a> )
Background:	IL-1 R6, IL-1 Rrp2, IL1RL2, IL1Rrp2, IL1RRP2, IL-36R,The Interleukin 1 receptor family (IL-1 R) comprises at least eleven members including IL-1 RI (IL-1 R1), IL-1 RII (IL-1 R2), IL-1 RAcP (IL-1

## Target Details

R3), ST2 (T1/IL-1 R4), IL-18 Ra (IL-1 Rrp/IL-1 R5), IL-1 Rrp2 (IL-1 RL2/IL-1 R6), IL-18 Rb (AcPL/IL-1 R7), IL-1RAPL-1 (TIGIRR-2/IL-1 R8), and TIGIRR-1 (IL-1 R9). IL1RL2 is a receptor for interleukin-36 (IL36A, IL36B and IL36G). After binding to interleukin-36 associates with the coreceptor IL1RAP to form the interleukin-36 receptor complex which mediates interleukin-36-dependent activation of NF-kappa-B, MAPK and other pathways.

Molecular Weight: 39.1 kDa. Due to glycosylation, the protein migrates to 55-75 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

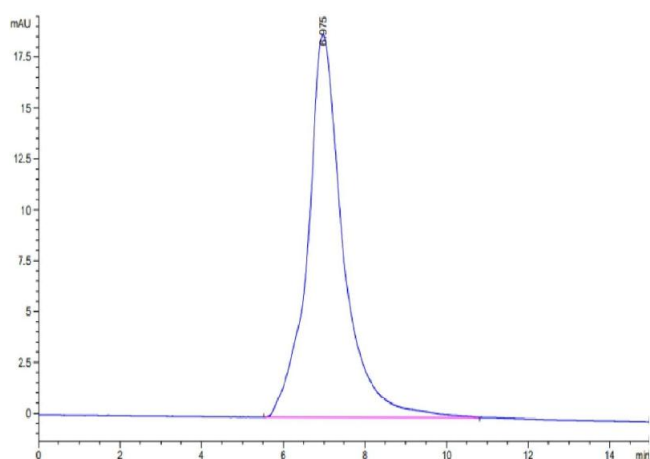
Buffer: Supplied as 0.22µm filtered solution in PBS ( pH 7.4).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

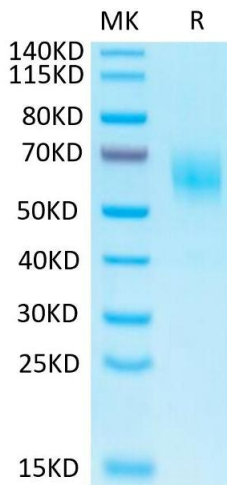
Expiry Date: 12 months

## Images



### Size-exclusion chromatography-High Pressure Liquid Chromatography

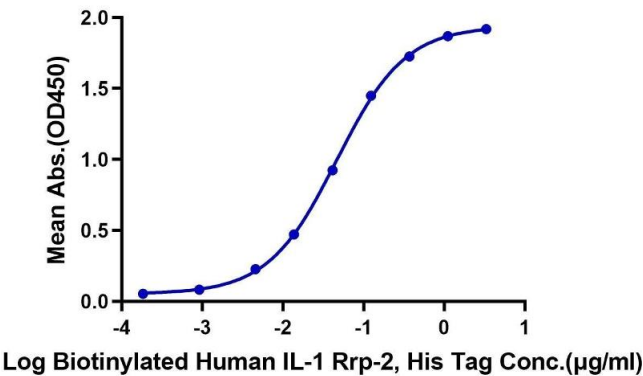
**Image 1.** The purity of Biotinylated Human IL-1 Rrp2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 2.** Biotinylated Human IL-1 Rrp2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Biotinylated Human IL-1 Rrp-2, His Tag ELISA**  
0.05µg Anti-IL-1 Rrp-2 Antibody, hFc Tag Per Well



ELISA

**Image 3.** Immobilized Anti-IL-1 Rrp-2 Antibody, hFc Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human IL-1 Rrp2, His Tag with the EC50 of 46.5 ng/mL determined by ELISA.