

Datasheet for ABIN7274877

**IL1RL2 Protein (AA 20-335) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IL1RL2
Protein Characteristics:	AA 20-335
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL2 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus IL-1 Rrp2/IL-1 R6 Protein
Sequence:	Asp20-Arg335
Characteristics:	Recombinant Cynomolgus IL-1 Rrp2/IL-1 R6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains 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.

## Target Details

Target:	IL1RL2
Alternative Name:	IL-1 Rrp2 ( <a href="#">IL1RL2 Products</a> )

## Target Details

Background:	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 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.
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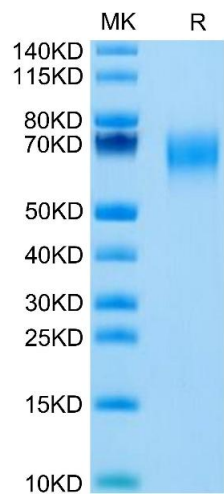
Molecular Weight:	37.1 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
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## Application Details

Restrictions:	For Research Use only
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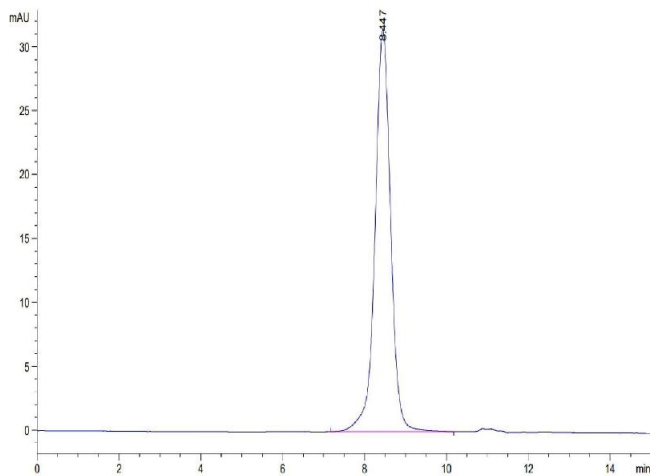
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



**SDS-PAGE**

**Image 1.** Cynomolgus IL-1 Rrp2/IL-1 R6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



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

**Image 2.** The purity of Cynomolgus IL-1 Rrp2/IL-1 R6 is greater than 95 % as determined by SEC-HPLC.