

Datasheet for ABIN7274910

**IL1R2 Protein (AA 14-355) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IL1R2
Protein Characteristics:	AA 14-355
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1R2 protein is labelled with His tag.

## Product Details

Purpose:	Mouse IL-1R2/IL-1 RII/CD121b Protein
Sequence:	Phe14-Glu355
Characteristics:	Recombinant Human IL-1R2/IL-1 RII/CD121b Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe14-Glu355.
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:	IL1R2
Alternative Name:	IL-1R2 ( <a href="#">IL1R2 Products</a> )

## Target Details

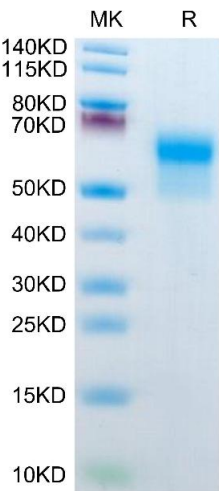
Background:	Interleukin (IL)-1 has been reported to be involved in the development of tuberculosis (TB). IL1R1 and IL1R2 encode a cytokine receptor that belongs to the IL-1 receptor family. IL1R2 (Interleukin 1 Receptor Type 2) is a Protein Coding gene. Diseases associated with IL1R2 include Endometriosis and Mastitis. Among its related pathways are Hematopoietic cell lineage and IL-1 signaling pathway. Gene Ontology (GO) annotations related to this gene include interleukin-1 receptor activity and interleukin-1, type II, blocking receptor activity.
Molecular Weight:	39.2 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P27931</a>
Pathways:	<a href="#">NF-kappaB Signaling</a>

## Application Details

Restrictions:	For Research Use only
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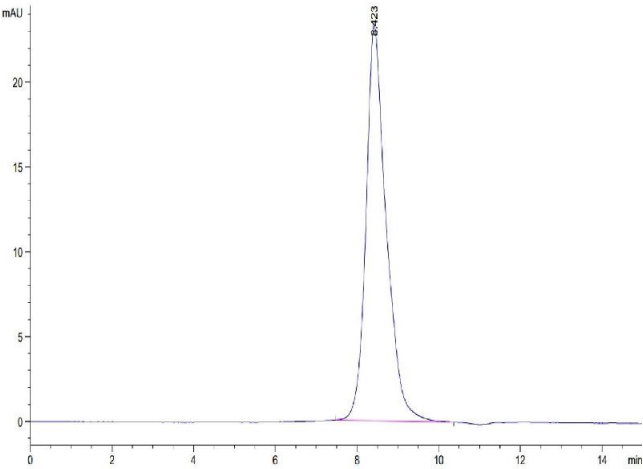
## Handling

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.** Mouse IL-1R2 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 Mouse IL-1R2 is greater than 95 % as determined by SEC-HPLC.