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Datasheet for ABIN7504441  
**IL1R2 Protein (AA 14-343)**

### Overview

Quantity:	100 µg
Target:	IL1R2
Protein Characteristics:	AA 14-343
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

### Product Details

Purpose:	Human IL-1R2/IL-1 RII/CD121b Protein
Sequence:	Phe14-Glu343
Characteristics:	Recombinant Human IL-1R2/IL-1 RII/CD121b Protein is expressed from HEK293 without tag.It contains Phe14-Glu343.
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> )
Background:	Interleukin (IL)-1 has been reported to be involved in the development of tuberculosis (TB).

## Target Details

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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: 37.78 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.

NCBI Accession: [NP\\_004624](#)

Pathways: [NF-kappaB Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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 0.22 µm 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