

Datasheet for ABIN7490919
IL1R2 Protein (AA 14-343) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	IL1R2
Protein Characteristics:	AA 14-343
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1R2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human IL1R2 protein with C-terminal 6xHis tag
Specificity:	IL1R2 (Phe14-Glu343) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL1R2
Alternative Name:	IL1R2 (IL1R2 Products)
Background:	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1

Target Details

receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage. [provided by RefSeq, May 2012]

Molecular Weight: predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of IL1R2-His is 35-55 kDa due to glycosylation.

UniProt: [P27930](#)

Pathways: [NF-kappaB Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human IL1R2 Protein, His Tag on SDS-PAGE under reducing condition.