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

Image



Overview

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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

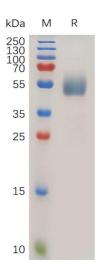
Purpose:	Recombinant human IL1R2 protein with C-terminal 6xHis tag
Specificity:	IL1R2 (Phe14-Glu343) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined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

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	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.

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