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Datasheet for ABIN7504442 IL1RAP Protein (AA 21-362) (His tag)



Overview

Quantity:	100 µg
Target:	IL1RAP
Protein Characteristics:	AA 21-362
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RAP protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus IL-1R3/IL-1 RAcP Protein
Sequence:	Ser21-Cys362
Characteristics:	Recombinant Cynomolgus IL-1R3/IL-1 RAcP Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ser21-Cys362.
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:	IL1RAP
Alternative Name:	IL-1R3 (IL1RAP Products)

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Target Details	
Background:	IL-1 Receptor Accessory Protein (IL-1 RAcP), also known as IL-1 R3, is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of proteins. It serves as a non-ligand- binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. IL-1 R3 is a coreceptor for IL1RL2 in the IL-36 signaling system. IL-1 R3 is a coreceptor with IL1R1 in the IL- 1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B and other pathways.
Molecular Weight:	40.49 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
UniProt:	G7NYP7
Pathways:	NF-kappaB Signaling, Growth Factor Binding
Application Details	
Restrictions:	For Research Use only
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 0.22 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