

Datasheet for ABIN7274970

IL18RAP Protein (AA 20-356) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL18RAP
Protein Characteristics:	AA 20-356
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL18RAP protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus IL-18RAP Protein
Sequence:	Phe20-Arg356
Characteristics:	Recombinant Cynomolgus IL-18RAP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe20-Arg356.
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.
Biological Activity Comment:	Immobilized Cynomolgus IL-18RAP, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-18RAP Antibody, hFc Tag with the EC50 of 6.2ng/ml determined by ELISA. See testing image for detail.

Target Details

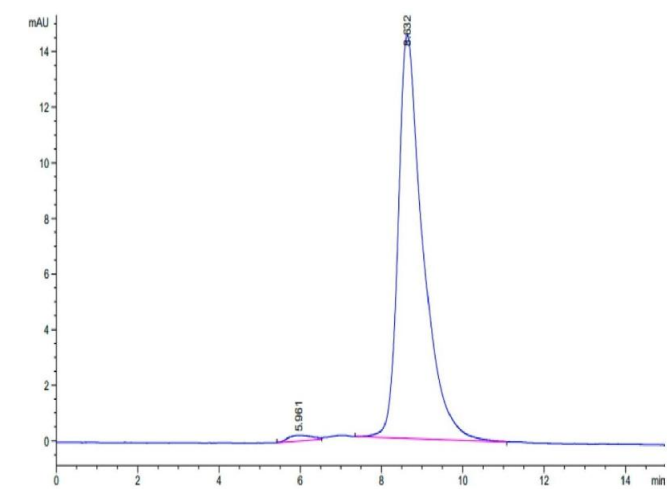
Target:	IL18RAP
Alternative Name:	IL-18RAP (IL18RAP Products)
Background:	IL-18RAP, also known as IL-18R β or IL-1R7, is component of IL-18 receptor complex and its interactions with IL-18R1 mediate signal transduction initiated by IL-18 although it does not directly bind IL-18 in vitro.
Molecular Weight:	39.5 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5VDC3

Application Details

Restrictions:	For Research Use only
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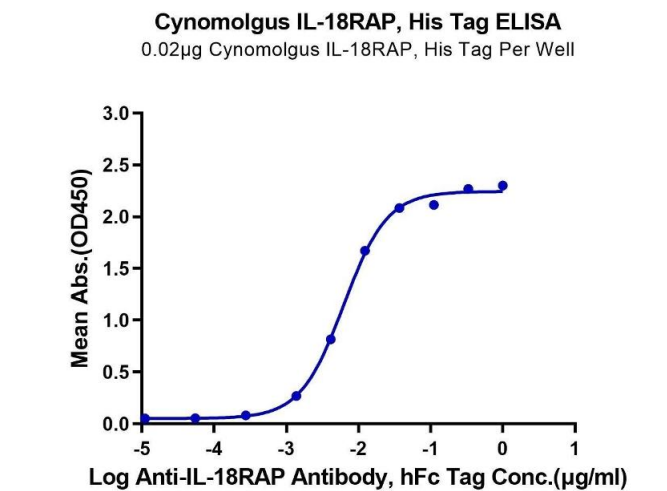
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m 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



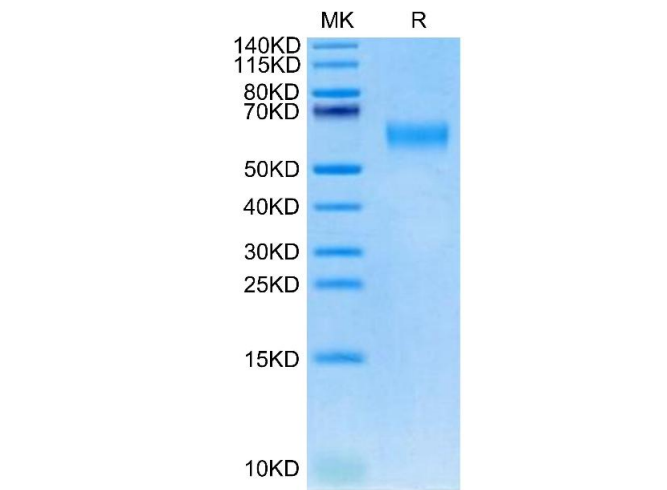
Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Cynomolgus IL-18RAP is greater than 95 % as determined by SEC-HPLC.



ELISA

Image 2. Immobilized Cynomolgus IL-18RAP, His Tag at 0.2 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-IL-18RAP Antibody, hFc Tag with the EC50 of 6.2 ng/mL determined by ELISA.



SDS-PAGE

Image 3. Cynomolgus IL-18RAP on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .