

# Cynomolgus IL-18RAP Protein

Cat. No. IL8-CM1AP



## Description

<b>Source</b>	Recombinant Cynomolgus IL-18RAP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe20-Arg356.
<b>Accession</b>	A0A2K5VDC3
<b>Molecular Weight</b>	The protein has a predicted MW of 39.47 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

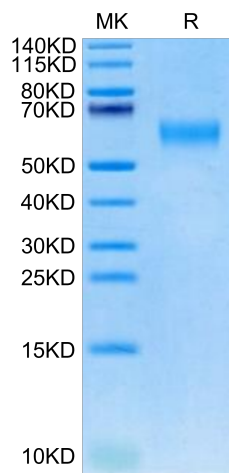
<b>Formulation</b>	Lyophilized from 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-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.

## Background

IL-18RAP, also known as IL-18R $\beta$  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.

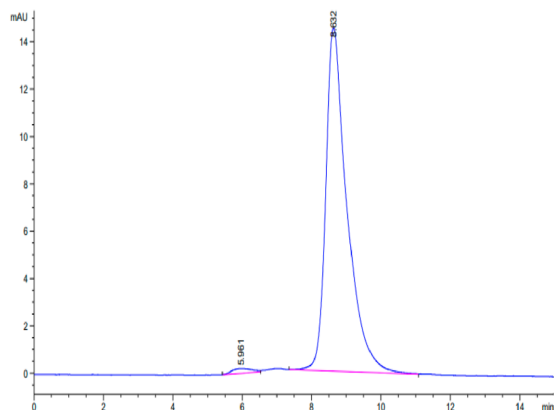
## Assay Data

### Tris-Bis PAGE



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

### SEC-HPLC



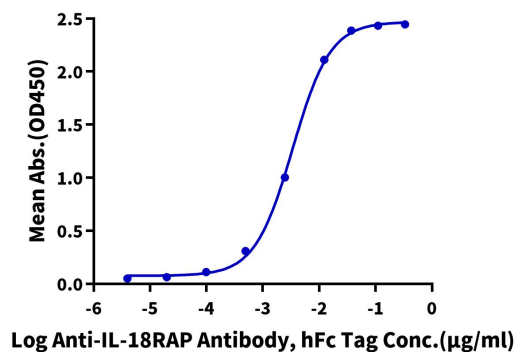
The purity of Cynomolgus IL-18RAP is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

**Cynomolgus IL-18RAP , His Tag ELISA**

0.02µg Cynomolgus IL-18RAP , His Tag Per Well



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 3.5ng/ml determined by ELISA.