

Cynomolgus IL-18RAP/IL-18 R beta Protein, Ultra Low Endotoxin



Cat. No. IL8-CM1AP-UL

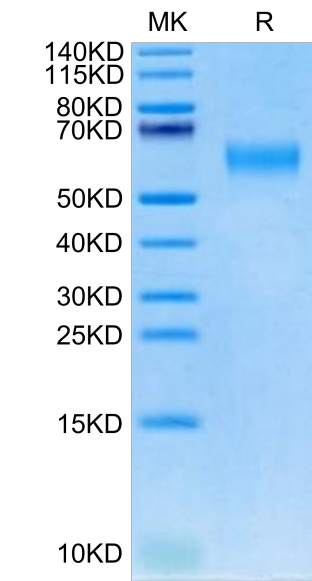
Description	
Source	Recombinant Cynomolgus IL-18RAP/IL-18 R beta Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe20-Arg356.
Accession	A0A2K5VDC3
Molecular Weight	The protein has a predicted MW of 39.47 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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-18Rβ 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

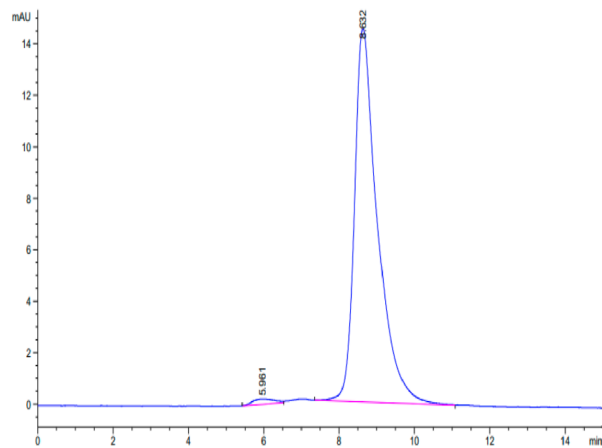
Bis-Tris PAGE



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

SEC-HPLC

Assay Data

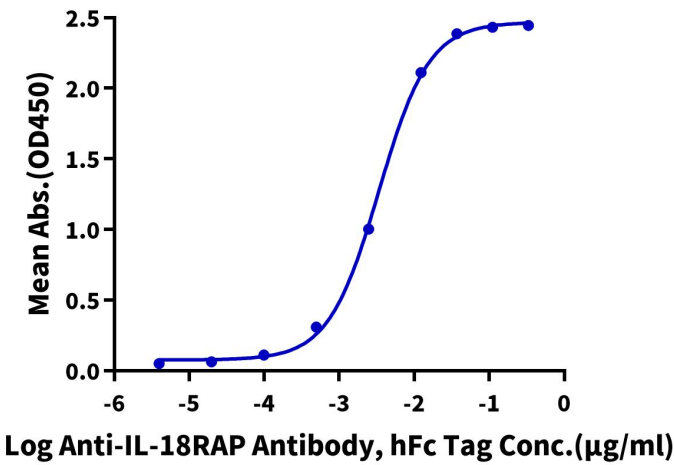


The purity of Cynomolgus IL-18RAP is greater than 95% as determined by SEC-HPLC.

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.