

Biotinylated Human IL-18RAP/IL-18 R beta Protein

Cat. No. IL8-HM4APB

Description

Source	Recombinant Biotinylated Human IL-18RAP/IL-18 R beta Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Phe20-Arg356.
Accession	O95256-1
Molecular Weight	The protein has a predicted MW of 41.35 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

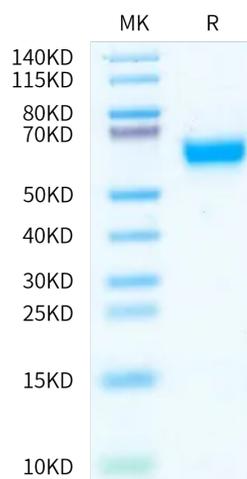
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

lactoferrin (LTF), peptidoglycan recognition protein 1 and IL-18 receptor accessory protein (IL-18RAP) remained significantly elevated in peripheral monocytes of hypertensive individuals in a separate validation cohort. Interestingly, IL18RAP expression associated with MAP in a cohort of African Americans..

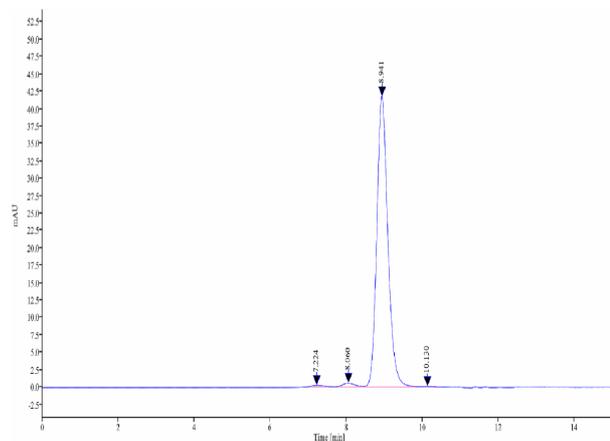
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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

Biotinylated Human IL-18RAP/IL-18 R beta Protein

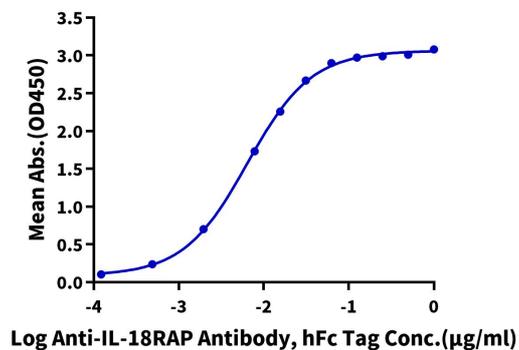
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Assay Data

ELISA Data

Biotinylated Human IL-18 RAP, His Avi Tag ELISA

0.05µg Biotinylated Human IL-18 RAP, His Avi Tag Per Well



Immobilized Biotinylated Human IL-18 RAP, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-IL-18RAP Antibody, hFc Tag with the EC50 of 6.4ng/ml determined by ELISA.