

# Recombinant Human IL-18 R beta/IL-1 R7/CD218b Protein

Catalog No.: RP02619 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	8807	O95256-1

### Tags

C-hFc

### Synonyms

ACPL; CD218b; CDw218b; IL-18R-beta;  
IL-18RAcP; IL-18Rbeta; IL-1R-7; IL-1R7;  
IL-1RAcPL; IL18RB; IL18RAP; IL-18R-bet

## Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
65.3 kDa	70-80 kDa

### Endotoxin

Less than 1EU per µg by the LAL method.

### Formulation

#### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Contact

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## Background

lactoferrin (LTF), peptidoglycan recognition protein 1 and IL-18 receptor accessory protein (IL18RAP) 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..

## Basic Information

### Description

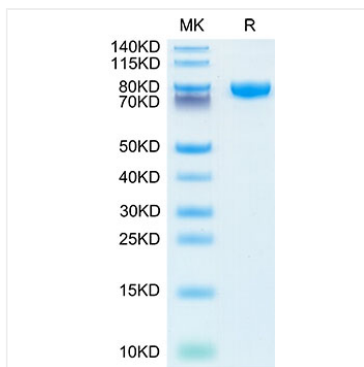
Recombinant Human IL-18 R beta /IL-1 R7/CD218b Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe20-Arg356) of Human IL-18 R beta fused with hFc tag at the C-terminus.

### Bio-Activity

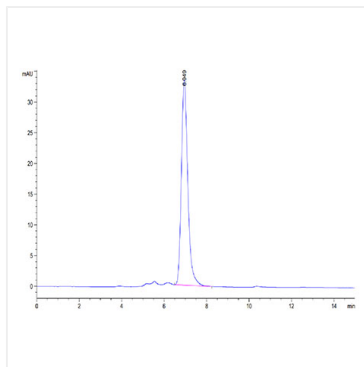
#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

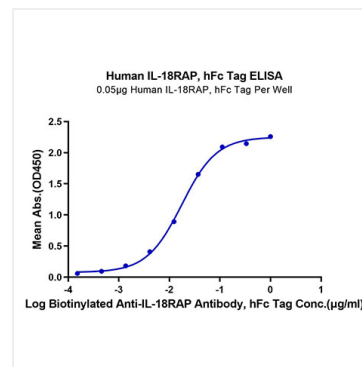
## Validation Data



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



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



Immobilized Human IL-18RAP, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-IL-18RAP Antibody, hFc Tag with the EC<sub>50</sub> of 17.6ng/ml determined by ELISA.