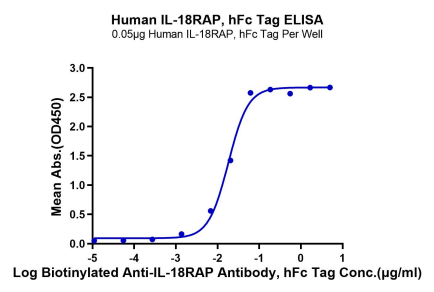
Bioactive HuPro®

IL18RAP (Human) Recombinant Protein

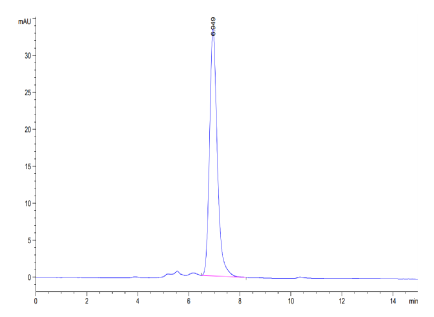
Catalog # P9986 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

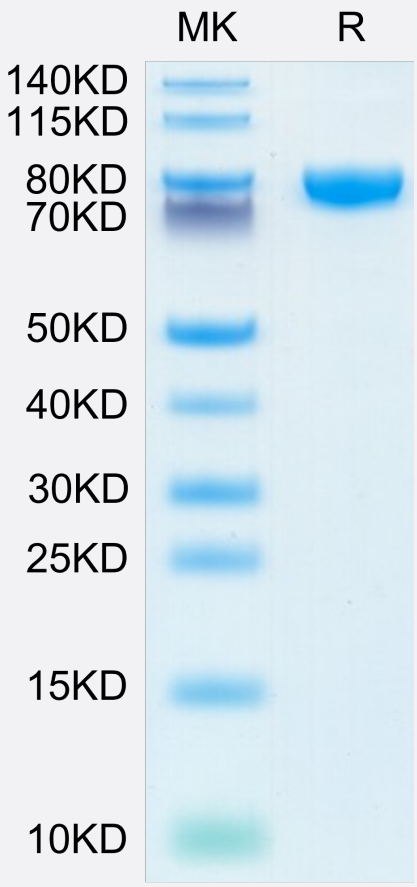
Immobilized Human IL-18RAP, hFc Tag at 0.5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-IL-18RAP Antibody, hFc Tag with the EC_{50} of 18.2ng/ml determined by ELISA.



SEC-HPLC

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.



Tris-Bis PAGE

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

Specification

Product Description	Human IL18RAP (O95256-1, Phe20-Arg356) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.
Sequence	Phe20-Arg356
Host	Human
Theoretical MW (kDa)	65.3 kDa Due to g
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human IL-18RAP is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human IL-18RAP on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Recommend Usage	Biological Activity ELISA Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (5% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human IL-18RAP, hFc Tag at 0.5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-IL-18RAP Antibody, hFc Tag with the EC_{50} of 18.2ng/ml determined by ELISA.

Gene Info — IL18RAP

Entrez GeneID	8807
Protein Accession#	O95256-1
Gene Name	IL18RAP
Gene Alias	ACPL, CD218b, CDw218b, IL18RB, MGC120589, MGC120590
Gene Description	interleukin 18 receptor accessory protein
Omim ID	604509
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an accessory subunit of the heterodimeric receptor for IL18. This protein enhances the IL18 binding activity of IL18R1 (IL1RRP), a ligand binding subunit of IL1 8 receptor. The coexpression of IL18R1 and this protein is required for the activation of NF-kappa B and MAPK8 (JNK) in response to IL18. [provided by RefSeq
Other Designations	IL-18 receptor beta|OTTHUMP00000161337|accessory protein-like

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Atherosclerosis
- Cardiovascular Diseases
- Celiac Disease
- Colitis
- Coronary Disease
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Inflammatory Bowel Diseases
- Intervertebral Disk Displacement
- Osteoarthritis
- Schizophrenia

Copyright © 2023 Abnova Corporation. All Rights Reserved.