

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

Catalog No.: RP01100

Sequence Information

Species **Gene ID**
Human 8807

Swiss Prot **Tags**
O95256 C-His

Synonyms

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

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
39.4 kDa 55-60 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH7.4. Contact us
for customized product form or
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 free-thaw cycles.

Background

This protein is an accessory subunit of the heterodimeric receptor for interleukin 18 (IL18), a proinflammatory cytokine involved in inducing cell-mediated immunity. This protein enhances the IL18-binding activity of the IL18 receptor and plays a role in signaling by IL18. Mutations in this gene are associated with Crohn's disease and inflammatory bowel disease, and susceptibility to celiac disease and leprosy. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Basic Information

Description

Recombinant Human IL-18 R beta /IL-1 R7/CD218b Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Phe20-Arg356) of human IL-18 R beta /IL-1 R7/CD218b (Accession #O95256) fused with a 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

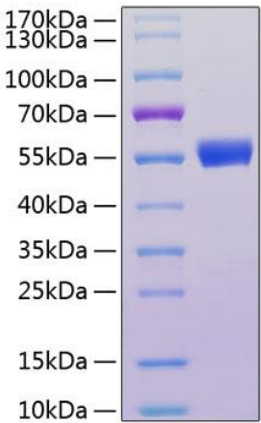
Contact

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Validation Data



Recombinant Human IL-18 R beta/IL-1 R7/CD218b Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.