

General Information

Gene Name Synonym

Accessory protein-like; CD218 antigen-like family member B; CDw218b; IL-1R accessory protein-like; Interleukin-1 receptor 7; Interleukin-18 receptor accessory protein-like; Interleukin-18 receptor beta

Protein Construction

A DNA sequence encoding the human IL18RAP (NP_003844.1) (Met 1-Gly 357) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind biotinylated Cynomolgus IL18 (Cat:504593) in a functional ELISA.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Phe 20

Molecular Mass

The recombinant human IL18RAP consists of 349 amino acids and has a calculated molecular mass of 40 kDa. As a result of glycosylation, the apparent molecular mass of rh IL18RAP is approximately 50-55 kDa in reduced SDS-PAGE.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

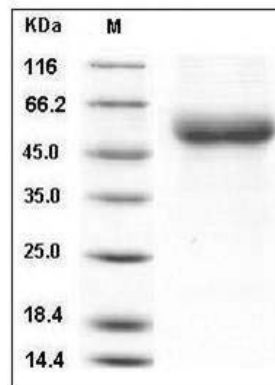
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human IL18RAP / IL1R7 Protein (His Tag) SDS-PAGE