

Human IL18BP / IL18BP_a (His Tag) recombinant protein



Catalog Number: 501304

General Information

Protein Construction

A DNA sequence encoding the N-terminal domain (Met 1-Gly 192) of human IL18BP_a (NP_001034748.1) was fused with the polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind biotinylated Cynomolgus IL18 in functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Thr 29

Molecular Mass

The secreted recombinant human IL18BP_a

consists of 175 amino acids after removal of the signal peptide and has a predicted molecular mass of 19 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL18BP_a is approximately 30-45 kDa due to glycosylation.

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

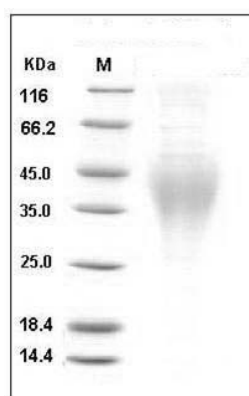
Storage

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 IL18BP_a Protein (His Tag) SDS-PAGE