

General Information

Protein Construction

A DNA sequence encoding the mouse IL18RAP (NP_034683.1) (Met1-Glu356) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Baculovirus-Insect cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse IL18RAP-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse IL18 (Cat:501172), The EC₅₀ of biotinylated mouse IL18 (Cat:501172) is 10.6-25.0 µg/ml.

Purity

> 95 % 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 mouse IL18RAP comprises 348 amino acids and has a predicted molecular mass of 40.1 kDa. The apparent molecular mass of the protein is approximately 44 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, 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

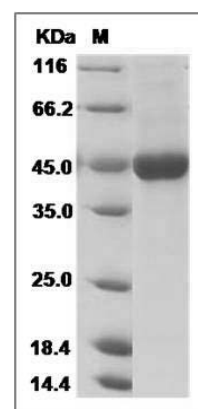
Storage

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



Mouse IL18RAP / IL17R Protein (His Tag) SDS-PAGE