

Mouse IL18R1 (His Tag) recombinant protein



Catalog Number: 502059

General Information

Gene Name Synonym

CD218 antigen-like family member A; IL1 receptor-related protein

Protein Construction

A DNA sequence encoding the extracellular domain of mouse IL18R1 (NP_032391.1) (Met 1-Gly 326) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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

Lys 20

Molecular Mass

The recombinant mouse IL18R1 consists of 318

amino acids after removal of the signal peptide and has a predicted molecular mass of 36.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IL18R1 is approximately 65-75 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

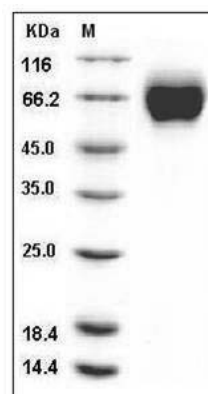
Store it under sterile conditions at -20°C to -80°C .

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



Mouse IL18R1 / CD218a Protein (His Tag) SDS-PAGE