

General Information

Protein Construction

A DNA sequence encoding the rhesus IL18RAP (XP_001108108.1) (Met1-Arg356) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rhesus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Rhesus 18RAP-His at 10 µg/ml (100 µl/well) can bind biotinylated Rhesus IL18 (Cat:504593) with a linear range of 0.16-2.5 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 rhesus IL18RAP comprises 578 amino acids and has a calculated molecular mass of 65.4 KDa.

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

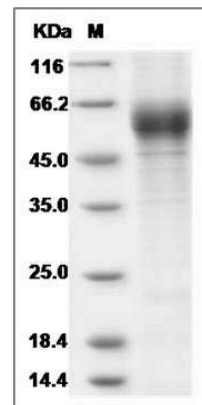
Store it under sterile conditions at -20°C to -80°C.

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



Cynomolgus IL18RAP Protein (His Tag) SDS-PAGE