

Rhesus IL-18 (His Tag) recombinant protein



Catalog Number: 504593

General Information

Protein Construction

A DNA sequence encoding the rhesus IL-18 (NP_001028006.1) (Ala 2-Asp 193) was expressed with an N-terminal polyhistidine tag.

Organism

Rhesus

Expression Host

E. coli

QC Testing

Activity

1. Measured by its ability to bind human IL18R1 in a functional ELISA.
2. Measured by its ability to induce IFN γ secretion by KG-1 human acute myelogenous leukemia cells in the presence of TNF α . The ED₅₀ for this effect is typically 3-15 μ g/mL in the presence of 20 ng/mL recombinant human TNF α .

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant rhesus IL18 consists of 203 amino acids and has a calculated molecular mass of 23.7 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

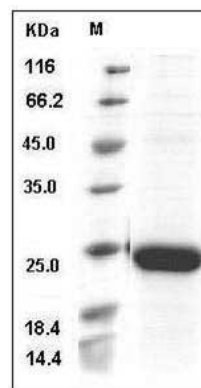
Storage

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 IL-18 / IL-1F4 Protein (His Tag) SDS-PAGE