

Mouse IL-18 recombinant protein



Catalog Number: 501172

General Information

Gene Name Synonym

Interferon gamma-inducing factor; Interleukin-1 gamma

Protein Construction

A DNA sequence encoding the mouse IL18 (P70380) (Asn36-Ser192) was expressed and purified.

Organism

Mouse

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to induce IFN- γ secretion by KG-1 human myelomonocyte.
The ED₅₀ for this effect is typically 0.1-0.8 μ g/mL.

Purity

> 90 % 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 mouse IL18 consists of 158 amino acids and predicts a molecular mass of 18.2 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.

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

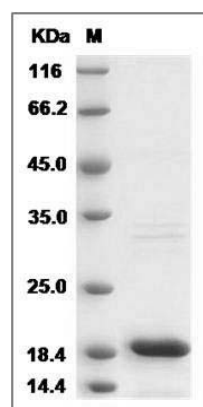
Storage

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 IL18 / IL-18 Protein SDS-PAGE