Mouse IL-28B/IFN-lambda-3 (His Tag) recombinant protein

Catalog Number: 500375

General Information

Gene Name Synonym

Interleukin-28B

Protein Construction

A DNA sequence encoding the mouse Ifnl3 (NP_796370.1) (Met1-Val193) was expressed with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured in antiviral assays using HepG2 cells infected with vesicular stomatitis virus.
The ED_{50} for this effect is typically 44.6-178.4 ng/mL.

Purity

> (48.9+48.2) % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

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

Predicted N terminal

Asp 20

Molecular Mass

The recombinant mouse Ifnl3 consists 185 amino acids and predicts a molecular mass of 21.1 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

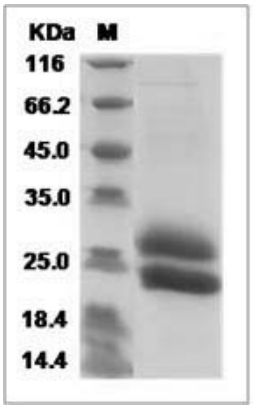
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 IL-28B / IFN-lambda-3 Protein (His Tag) SDS-PAGE