

General Information

Gene Name Synonym

IFN-alpha-7; Interferon alpha-J; LeIF J; Interferon alpha-J1; IFN-alpha-J1

Protein Construction

A DNA sequence encoding the human IFNA7 (NP_066401.2) (Cys24-Asp189) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Yeast

QC Testing

Activity

Measured in antiviral assays using WISH cells infected with vesicular stomatitis virus. The ED₅₀ for this effect is 3.0-15.0pg/mL.

Purity

> 95 % 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

Cys 24

Molecular Mass

The recombinant human IFNA7 consists of 176 amino acids and predicts a molecular mass of 21 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

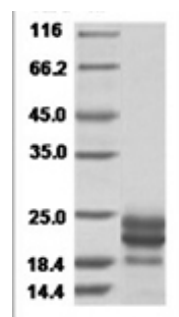
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human IFNA7 Protein 14131