

General Information

Gene Name Synonym

Interferon alpha-4B; Interferon alpha-76;
Interferon alpha-M1

Protein Construction

A DNA sequence encoding the human IFNA4 (NP_066546.1) (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 2-10pg/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 IFNA4 consists of 176 amino acids and predicts a molecular mass of 20.8 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.