

Human IFNAR2 (His Tag) recombinant protein



Catalog Number: 504267

General Information

Gene Name Synonym

Interferon alpha binding protein; Type I interferon receptor 2

Protein Construction

A DNA sequence encoding the extracellular domain of human IFNAR2 isoform a (NP_997468.1) (Met 1-Lys 243) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit rh IFN β mediated protection of WISH human amnion cells infected with vesicular stomatitis virus (VSV) to viral lysis. The EC₅₀ for this effect is typically 0.08-0.4 μ g/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Ile 27

Molecular Mass

The recombinant human IFNAR2 consists of 228 amino acids and predicts a molecular mass of 26.2 kDa. As a result of glycosylation, the rh IFNAR2 migrates as an approximately 45 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

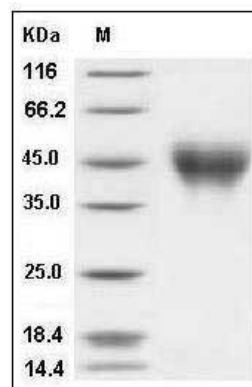
Storage

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



Human IFNAR2 / IFNABR Protein (His Tag) SDS-PAGE