

Human IFNAR1 (Fc Tag) recombinant protein



Catalog Number: 502449

General Information

Gene Name Synonym

Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; Type I interferon receptor 1

Protein Construction

A DNA sequence encoding the human IFNAR1 isoform 1 (P17181-1) extracellular domain (Met 1-Lys 436) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Lys 28

Molecular Mass

The recombinant human IFNAR1/Fc is a disulfide-

linked homodimeric protein. The reduced monomer consists of 650 amino acids and has a predicted molecular mass of 74 kDa. The apparent molecular mass of the reduced monomer is approximately 100-120 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

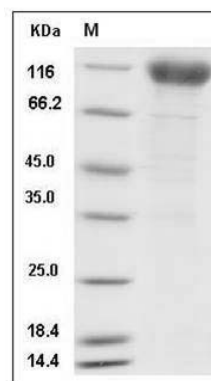
Store it under sterile conditions at -20°C to -80°C .

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 IFNAR1 / IFNAR Protein (Fc Tag) SDS-PAGE