

## 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 fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to inhibit rh IFN $\beta$  mediated protection of WISH Human amnion cells infected with vesicular stomatitis virus (VSV) to viral lysis.

The EC<sub>50</sub> for this effect is typically 0.01-0.05  $\mu$ g/mL.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 458 amino acids and predicts a molecular mass of 51.8 kDa. As a result of glycosylation, the apparent molecular mass of rh IFNAR2/Fc monomer is approximately 65-75 kDa 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

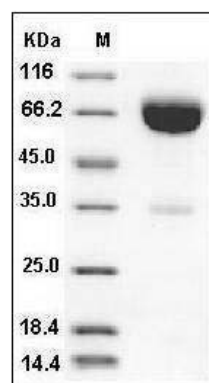
### Storage

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 (Fc Tag) SDS-

# Human IFNAR2 (Fc Tag) recombinant protein



Catalog Number: 501243

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PAGE