# **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 $\beta$  mediated protection of WISH human amnion cells infected with vesicular stomatitis virus (VSV) to viral lysis. The EC $_{50}$  for this effect is typically 0.08-0.4  $\mu$ g/ml.

#### **Purity**

> 95 % 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 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**

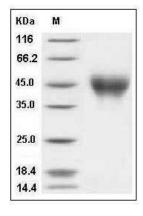
## **Storage**

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