

Datasheet for ABIN7491022

**IFNAR1 Protein (AA 28-436) (Fc Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IFNAR1
Protein Characteristics:	AA 28-436
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR1 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human IFNAR1 Protein with C-terminal human Fc tag
Specificity:	IFNAR1 (Lys28-Lys436) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	IFNAR1
Alternative Name:	IFNAR1 ( <a href="#">IFNAR1 Products</a> )
Background:	The protein encoded by this gene is a type I membrane protein that forms one of the two

## Target Details

chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family and functions as an antiviral factor. [provided by RefSeq, Jul 2020]

**Molecular Weight:** predicted molecular mass of 73.3 kDa after removal of the signal peptide. The apparent molecular mass of IFNAR1-hFc is 100-130 kDa due to glycosylation.

**UniProt:** [P17181](#)

**Pathways:** [JAK-STAT Signaling](#), [Hepatitis C](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

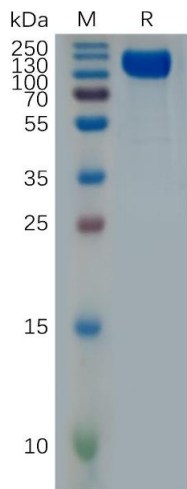
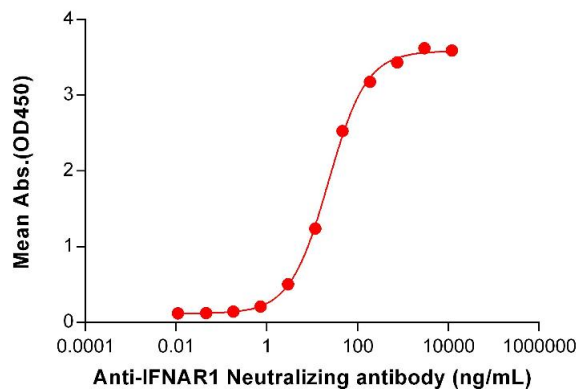
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months

**Human IFNAR1, hFc Tagged protein ELISA**  
0.2 µg of Human IFNAR1, hFc tagged protein per well



**ELISA**

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IF Protein, hFc Tag (ABIN7455503, ABIN7491020 and ABIN7491022) can bind Anti-IF Neutralizing antibody ABIN7478013 and ABIN7490965 in a linear range of 0.73-187.50 ng/mL.

**SDS-PAGE**

**Image 2.** Human IF Protein, hFc Tag on SDS-PAGE under reducing condition.