

Datasheet for ABIN7597444

**IFNAR2 Protein (AA 27-243) (His tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	IFNAR2
Protein Characteristics:	AA 27-243
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant human IFNAR2 Protein with C-terminal 10xHis tag
Sequence:	IFNAR2(Ile27-Lys243) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	IFNAR2
Alternative Name:	IFNAR2 ( <a href="#">IFNAR2 Products</a> )
Background:	<p>IFN-R, IMD45, IFNABR, IFNARB, IFN-R-2, IFN-alpha-REC</p> <p>The protein encoded by this gene is a type I membrane protein that forms one of the two 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</p>

## Target Details

	STAT1 and STAT2. The protein belongs to the type II cytokine receptor family. Mutations in this gene are associated with Immunodeficiency 45. [provided by RefSeq, Jul 2020]
Molecular Weight:	predicted molecular mass of 26.1 kDa after removal of the signal peptide. The apparent molecular mass of IFNAR2-His is 25-55 kDa due to glycosylation.
UniProt:	<a href="#">P48551</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Hepatitis C</a>

## Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none"><li>• Immunogens for antibody drug development</li><li>• Reagents used for CAR-T positive cell monitoring</li><li>• Reagents for antibody screening and functional testing</li><li>• Reagents for antibody affinity measurement</li></ul>
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
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