



[Go to Product page](#)

## Datasheet for ABIN6964275 IFNB1 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	IFNB1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNB1 protein is labelled with Fc Tag.

### Product Details

Sequence:	IFNB(Met22-Asn187)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

### Target Details

Target:	IFNB1
Alternative Name:	IFNB ( <a href="#">IFNB1 Products</a> )
Background:	<p>Synonymes: IFB, IFF, IFN-beta, IFNB</p> <p>Description: This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a</p>

## Target Details

---

homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection. [provided by RefSeq, Sep 2015]

Molecular Weight: 43.6 kDa

UniProt: [P01574](#)

Pathways: [JAK-STAT Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Hepatitis C](#), [Autophagy](#), [Inflammasome](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

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

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months