



[Go to Product page](#)

Datasheet for ABIN2181252

## IFNAR2 Protein (AA 27-243) (His tag)

### 1 Image

#### Overview

Quantity:	100 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

Sequence:	AA 27-243
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 25.6 kDa. The protein migrates as 40-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

#### Target Details

Target:	IFNAR2
Alternative Name:	IFNAR2 ( <a href="#">IFNAR2 Products</a> )

## Target Details

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**Background:** Interferon alpha/beta receptor 2 (IFNAR2) is also known as IFN-alpha binding protein, IFN-alpha/beta receptor 2, Type I interferon receptor 2, IFNABR and IFNARB, which is a single-pass type I membrane protein and belongs to the type II cytokine receptor family. IFNAR2 can associate with IFNAR1 to form the type I interferon receptor. IFNAR2 is a receptor for interferons alpha and beta. IFNAR2 involves in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 of IFNAR2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 of IFNAR2 is a potent inhibitor of type I IFN receptor activity. Genetic variations in IFNAR2 influence susceptibility to hepatitis B virus (HBV) infection.

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**Molecular Weight:** 25.8 kDa

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**NCBI Accession:** [NP\\_997467](#)

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

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

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**Buffer:** PBS, pH 7.4

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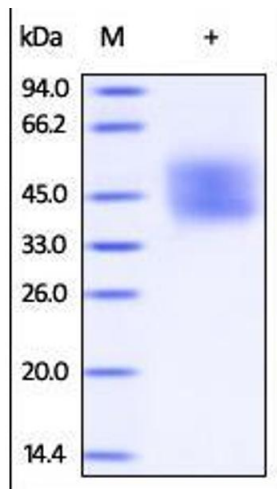
**Handling Advice:** Please avoid repeated freeze-thaw cycles.

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**Storage:** -20 °C

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**Storage Comment:** No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).



### SDS-PAGE

**Image 1.** Human IFN-alpha/beta R2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.