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# Recombinant Human IFNAR2 protein (rFc Tag) (HPLC verified)

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Catalog Number: Eg2928

## Basic Information

**Species:**
Human

**Purity:**
>90 %, SDS-PAGE<br> >90 %, SEC-HPLC

**Tag:**
rFc Tag

## Technical Specifications

**Purity:**
>90 %, SDS-PAGE<br> >90 %, SEC-HPLC

**Endotoxin Level:**
<0.1 EU/μg protein, LAL method

**Source:**
HEK293-derived Human IFNAR2 protein Ile27-Lys243 (Accession# P48551-1) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**
3455

**Accession:**
P48551-1

**Predicted Molecular Mass:**
50.8 kDa

**SDS-PAGE:**
55-80 kDa, reducing (R) conditions

**Formulation:**
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

**Storage:**
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ under sterile conditions after reconstitution.

**Shipping:**
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

IFNAR2 is a type I membrane protein and is part of one of the two chains of a receptor for interferon (IFN), alpha and beta. IFNAR2 has three isoforms, the first of which is a non-functional protein with a truncated cytoplasmic domain. The second is lengthy and includes the functional trans-membrane protein together with IFNAR1. The soluble version of the receptor is the third form (sIFNAR2).

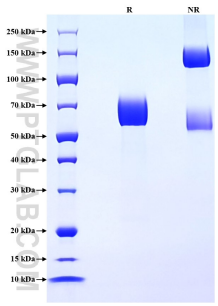
## References

1. Órpez-Zafra T. et al. (2017). Mult. Scler. J. 23:937–945.
2. López-Bielma MF. et al. (2023) Pathogens. 12(11):1320.

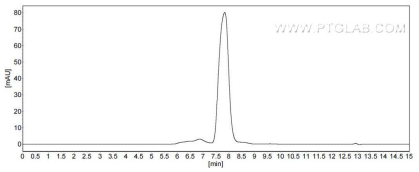
## Synonyms

IFN alpha REC, IFN alpha/beta receptor 2, IFN R, IFN R 2, IFNABR

## Selected Validation Data




Purity of Recombinant Human IFNAR2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.




The purity of Human IFNAR2 was greater than 90% as determined by SEC-HPLC.