

RP02612

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# Recombinant Mouse Interferon alpha/beta receptor 1/IFNAR1 Protein

Catalog No.: RP02612 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	15975	P33896

### Tags

C-hFc

### Synonyms

AVP; IFN-alpha/beta R1; IFN-alpha-REC; IFNAR; IFNAR1; IFN-aR1; IFNBR; IFNbR1; IFN-R-1; CRF2-1; IFRC

## Product Information

### Source

HEK293 cells

### Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

IFN-alpha / beta R1, also known as IFNAR1, belongs to the class II cytokine receptor family of proteins. Class II cytokine receptors form heterodimeric receptor complexes that mediate class II cytokine signals. Subunits of the different receptor complexes are shared and serve multiple functions. Functions in general as heterodimer with IFNAR2. Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits themselves.

## Basic Information

### Description

Recombinant Mouse Interferon alpha/beta receptor 1/IFNAR1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu27-Thr429) of Mouse Interferon alpha/beta receptor 1/IFNAR1 (Accession #) fused with hFc tag at the C-terminal.

### Bio-Activity

### Shipping

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

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

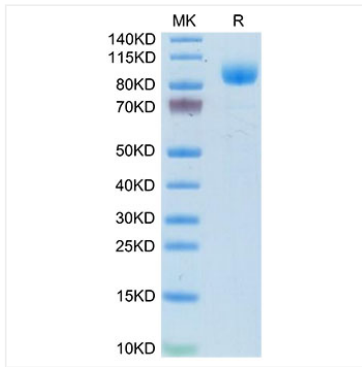


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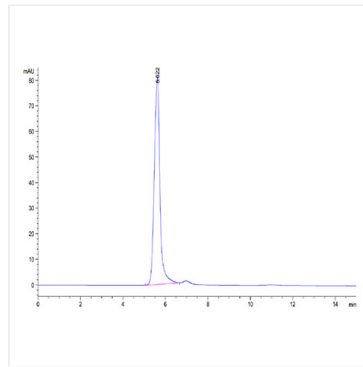
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## Validation Data

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Recombinant Mouse Interferon alpha/beta receptor 1/IFNAR1 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Mouse IFNAR1 is greater than 95% as determined by SEC-HPLC.