

# Recombinant Human Fc-gamma RI/CD64 Protein

Catalog No.: RP01144 **Recombinant**

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human   | 2209    | P12314     |

### Tags

C-His

### Synonyms

FCGR1A; CD64; CD64A; FCRI; IGFR1; Fc fragment of IgG receptor Ia; CD64; CD64A; FCRI; IGFR1

## Product Information

| Source       | Purification        |
|--------------|---------------------|
| HEK293 cells | > 90 % by SDS-PAGE. |

### Endotoxin

< 1.0 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial 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 freeze-thaw cycles.

## Background

This protein is a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

## Basic Information

### Description

Recombinant Human Fc-gamma RI/CD64 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Pro288) of human CD64 (Accession #NP\_000557.1) fused with a 6×His tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term.

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

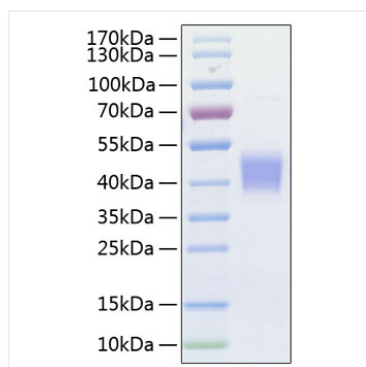
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## Validation Data

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Recombinant Human Fc-gamma RI/CD64  
Protein was determined by SDS-PAGE with  
Coomassie Blue, showing a band at 32 kDa.