

**Catalog No.: RP01650** **Recombinant**

Species	Gene ID	Swiss Prot
Human	3460	P38484

## C-Rabbit Fc

AF-1: IFGR2: IMD28: IFNGT1:IFNGR2

<b>Source</b> HEK293 cells	<b>Purification</b> ≥ 95 % as determined by SDS- PAGE
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Calculated MW	Observed MW
49.71 kDa	65-75 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4.

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 free-thaw cycles.

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Interferon-gamma receptor beta chain (IFNgammaR2), also known as IFNGR2, belongs to the type II cytokine receptor family, whose deficiency is a cause of autosomal recessive mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, IAK1, and/or IAK2.

Recombinant Human IFN-gamma R2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser28-Asp240) of human IFN-gamma R2 (Accession #NP\_005525.2) fused with and a RaFc tag at the C-terminus.

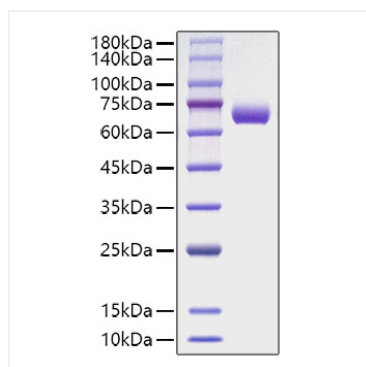
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

## Validation Data

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Recombinant Human IFN-gamma R2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.