

## Active Recombinant Mouse Ifngr1 protein, hFc-tagged

**Cat. No.** Ifngr1-6953M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ifngr1 protein(P15261)(Met1-Asp253), fused with hFc tag, was expressed in HEK293.                                                                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Met1-Asp253                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA.Immobilized mouse IFNG-His at 10 µg/ml (100 µl/well) can bind mouse IFNGR1-Fc. The EC50 of IFNGR1-Fc is 58.2-135.9 ng/ml.                                                                                                                           |
| <b>Molecular Mass</b>   | The recombinant mouse IFNGR1/Fc is a disulfide-linked homodimer. The reduced monomer consists of 472 amino acids and has a predicted molecular mass of 53 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmIFNGR1/Fc monomer is approximately 70-75 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                          |

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Ifngr1 interferon gamma receptor 1 \[ Mus musculus \]](#)

**Official Symbol** [Ifngr1](#)

**Synonyms** IFNGR1; interferon gamma receptor 1; IFN-gamma-R1; INF-g receptor; IFN-gamma receptor 1; interferon-gamma receptor 1; Ifgr; CD119; Ifngr; Nktar; IFN-gammaR;

**Gene ID** [15979](#)

**mRNA Refseq** [NM\\_010511](#)

**Protein Refseq** [NP\\_034641](#)

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