HUMAN IFNGR2 PROTEIN, HFC TAG

Cat.#: 11695

Product Name: Human IFNGR2 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: IFN-gamma-R2;IFN-gamma-R-beta;AF-1

Target: IFNGR2

UNIPROT ID: P38484

Description: Recombinant human IFNGR2 protein with C-terminal human Fc tag

Background: This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 51.0 kDa after removal of the signal peptide. The apparent molecular mass of IFNGR2-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: IFNGR2(Ser28-Gln247) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

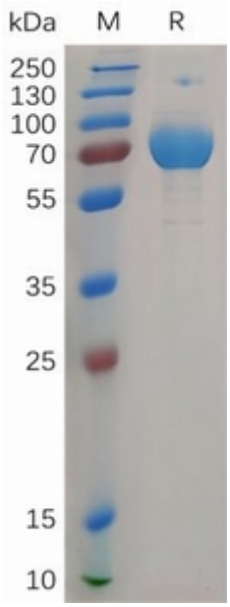

Figure 1. Human IFNGR2 Protein, hFc Tag on SDS-PAGE under reducing condition.