

HUMAN IFNAR2 PROTEIN, HFC TAG

Cat.#: 11693

Product Name: Human IFNAR2 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: IFN- α -REC;IFN-R;IFNABR;IFNARB;IMD45

Target: IFNAR2

UNIPROT ID: P48551

Description: Recombinant human IFNAR2 protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family. Mutations in this gene are associated with Immunodeficiency 45. [provided by RefSeq, Jul 2020]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 50.9 kDa after removal of the signal peptide. The apparent molecular mass of IFNAR2-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: IFNAR2(Ile27-Lys243) 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.

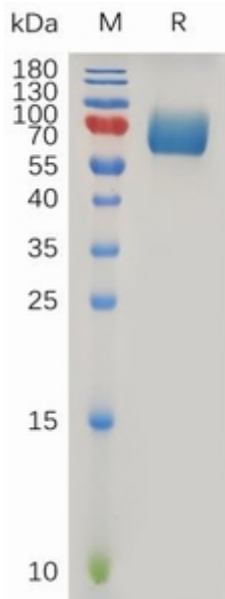


Figure 1. Human IFNAR2 Protein, hFc Tag on SDS-PAGE under reducing condition.