HUMAN IFNAR1 PROTEIN, MFC TAG

: 11526

: Human IFNAR1 Protein

: 10 μg, 50 μg and 100 μg

: Interferon alpha/beta receptor 1;FN-R-1;FN-alpha/beta receptor 1;RF2-1;ype I interferon receptor 1

Target: IFNAR1

UNIPROT ID: P17181

: Recombinant human IFNAR1 Protein with C-terminal Mouse Fc tag

: 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 and functions as an antiviral factor. [provided by RefSeq, Jul 2020]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 73 kDa after removal of the signal peptide. The apparent molecular mass of IFNAR1-mFc is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: IFNAR1(Lys28-Lys436) mFc(Pro99-Lys330)

:: 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.

: 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.
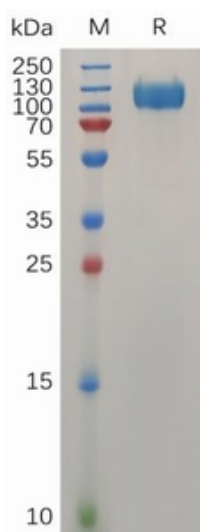
Figure 1. Human IFNAR1 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human IFNAR1, mFc Tagged protein ELISA
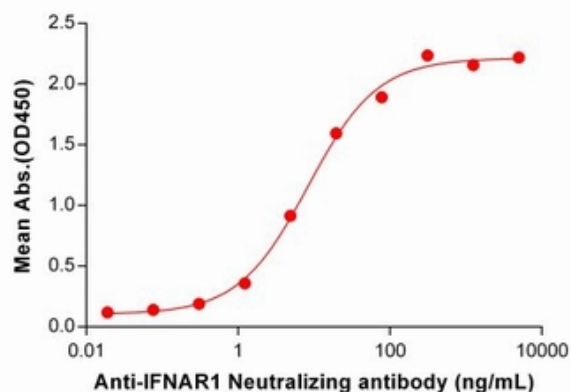0.2 µg of Human IFNAR1, mFc tagged protein per well

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human IFNAR1 Protein, mFc Tag (11526) can bind IFNAR1 Neutralizing antibody 28115 in a linear range of 1.22-312.50 ng/mL.