PRODUCT INFORMATION

Target	IFNAR1
Synonyms	Interferon alpha/beta receptor 1;IFN-R-1;IFN-alpha/beta receptor 1;CRF2-1;Type I interferon receptor 1
Description	Recombinant human IFNAR1 Protein with C-terminal Mouse Fc tag
Delivery	In Stock
Uniprot ID	P17181
Expression Host	HEK293
Tag	C-Mouse Fc Tag
Molecular Characterization	IFNAR1(Lys28-Lys436) mFc(Pro99-Lys330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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 and functions as an antiviral factor. [provided by RefSeq, Jul 2020]
Usage	Research use only
Conjugate	Unconjugated

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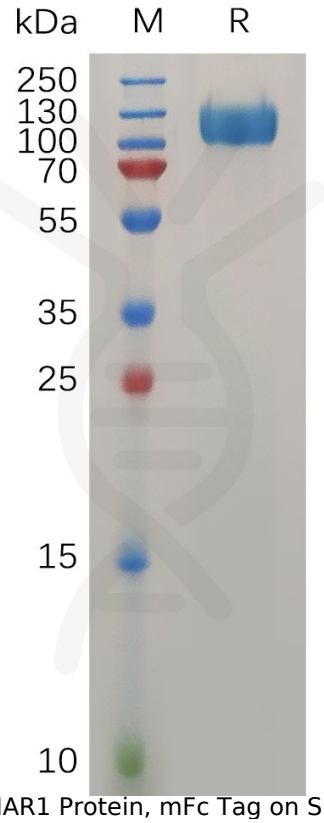


Figure 1. Human IFNAR1 Protein, mFc Tag on SDS-PAGE under reducing condition.

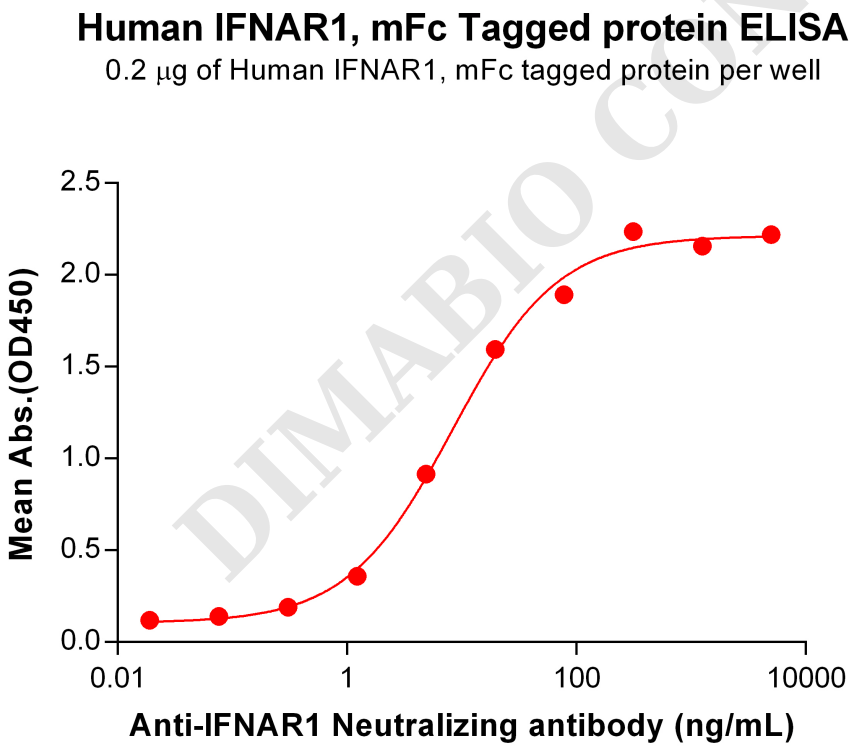


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human IFNAR1 Protein, mFc Tag (PME100737) can bind Anti-IFNAR1 Neutralizing antibody BME100117 in a linear range of 1.22–312.50 ng/mL.

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