PRODUCT INFORMATION

Target	IFNGR1
Synonyms	IFN-gamma-R1;CDw119;CD119
Description	Recombinant human IFNGR1 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P15260
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IFNGR1(Glu18-Gly245) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 51.9 kDa after removal of the signal peptide. The apparent molecular mass of IFNGR1-hFc is approximately 55-100 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

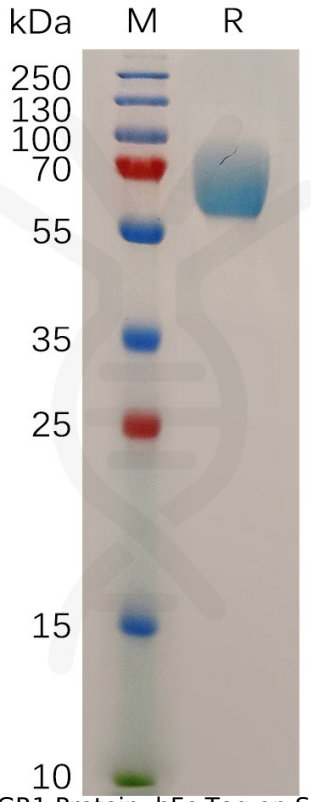

Figure 1. Human IFNGR1 Protein, hFc Tag on SDS-PAGE under reducing condition.