PRODUCT INFORMATION

Target	IFNAR2
Synonyms	IFN-alpha-REC;IFN-R;IFNABR;IFNARB;IMD45
Description	Recombinant human IFNAR2 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P48551
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IFNAR2(Ile27-Lys243) hFc(Glu99-Ala330)
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.
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. Mutations in this gene are associated with Immunodeficiency 45. [provided by RefSeq, Jul 2020]
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

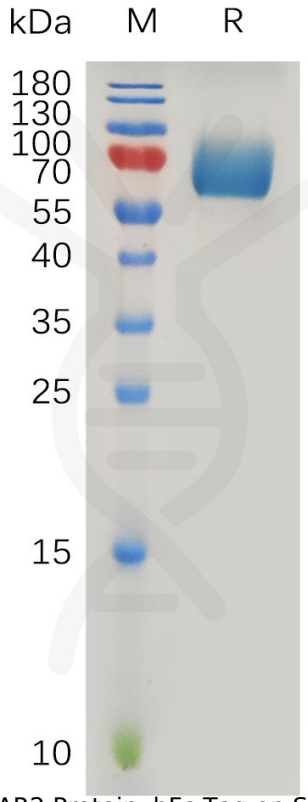


Figure 1. Human IFNAR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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/+86-400-006-0995(China)

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Website: www.dimabio.com