

Active Recombinant Human IFNAR1 protein, His-Avi-tagged, Low Endotoxin

Cat. No. IFNAR1-181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNAR1 protein(P17181-1)(28-436 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-436 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IFN alpha/beta R1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-IFN alpha/beta R1 Antibody, hFc Tag with the EC50 of 16.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.2 kDa. Due to glycosylation, the protein migrates to 74-95 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IFNAR1 interferon (alpha, beta and omega) receptor 1 [Homo sapiens]

Official Symbol IFNAR1

Synonyms IFNAR1; interferon (alpha, beta and omega) receptor 1; IFNAR; interferon alpha/beta receptor 1; IFRC; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; interferon-beta receptor 1; beta-type antiviral protein; alpha-type antiviral protein; type I interferon receptor 1; cytokine receptor class-II member 1; cytokine receptor family 2 member 1; interferon-alpha/beta receptor alpha chain; AVP; IFNBR; IFN-alpha-REC;

Gene ID 3454

mRNA Refseq NM_000629

Protein Refseq NP_000620

MIM 107450

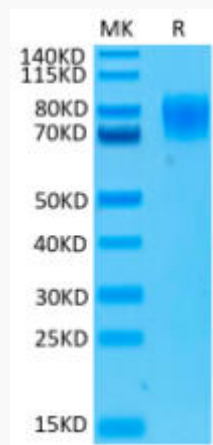
UniProt ID P17181

 Tel: 1-631-559-9269 1-516-512-3133

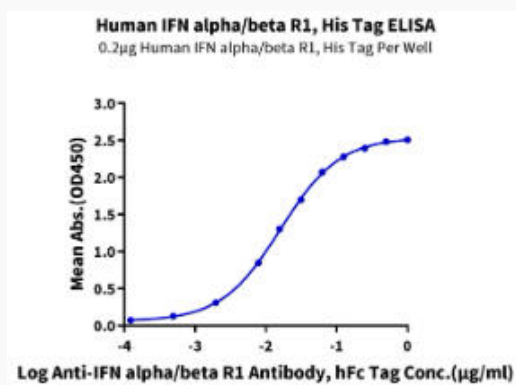
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA