

Datasheet for ABIN7274846

IFNGR1 Protein (AA 18-245) (Fc Tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IFNGR1
Protein Characteristics:	AA 18-245
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNGR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IFN gamma R1/IFNGR1 Protein
Sequence:	Glu18-Gly245
Characteristics:	Recombinant Human IFN gamma R1/IFNGR1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Glu18-Gly245.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human Human IFN gamma, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IFN gamma R1, hFc Tag with the EC50 of 13.0ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IFNGR1
Alternative Name:	IFN gamma R1 (IFNGR1 Products)
Background:	IFN-gamma and one of its receptor subunits, IFNGR1, are translocated to the nucleus, together with STAT1alpha as one macromolecular complex, via the classical importin-dependent pathway. Put IFN-gamma and its receptor subunit, IFNGR1, in direct contact with the promoter region of IFN-gamma-activated genes with associated increased activity, thus suggesting a transcriptional/cotranscriptional role for IFN-gamma/IFNGR1 as well as a possible role in determining the specificity of IFN-gamma action.
Molecular Weight:	52.4 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Tris-Bis PAGE result.
Pathways:	Interferon-gamma Pathway

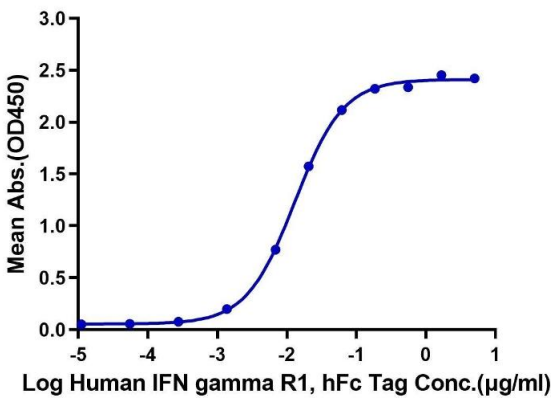
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Human IFN gamma R1, hFc Tag ELISA
0.2µg Human IFN gamma, His Tag Per Well

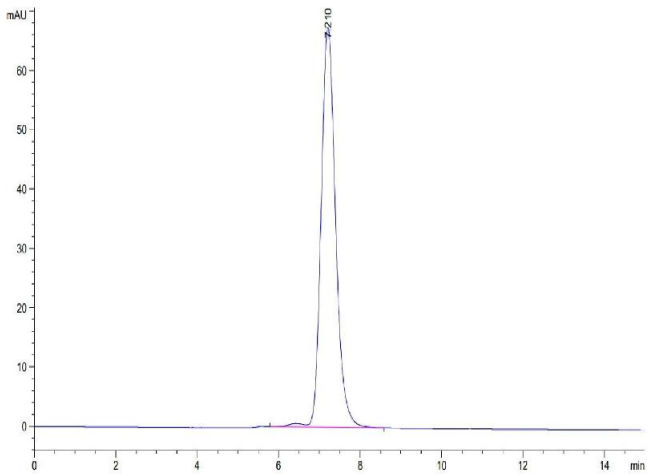


ELISA

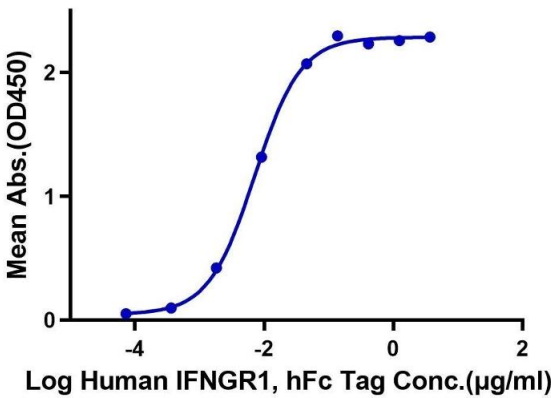
Image 1. Immobilized Human Human IFN gamma, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Human IFN gamma R1, hFc Tag with the EC50 of 13.0 ng/mL determined by ELISA.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human IFNGR1 is greater than 95 % as determined by SEC-HPLC.



Human IFNGR1, hFc Tag ELISA
0.2µg Human IFN-gamma, His Tag Per Well



ELISA

Image 3. Immobilized Human IFN-gamma, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human IFNGR1, hFc Tag with the EC50 of 7.2 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274846.