

IFN gamma/IFNG Recombinant Protein | IFNgamma/IFNG recombinant protein

Biotinylated Human IFN gamma/IFNG Protein Recombinant

CATALOG #	HOST
AAA76182	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

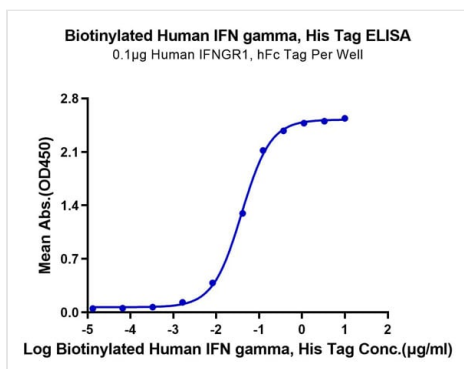
PRODUCT SYNONYMS

IFN gamma/IFNG; Biotinylated Human IFN gamma/IFNG Protein Recombinant; IFNgamma/IFNG recombinant protein

PRODUCT SPECIFICATIONS

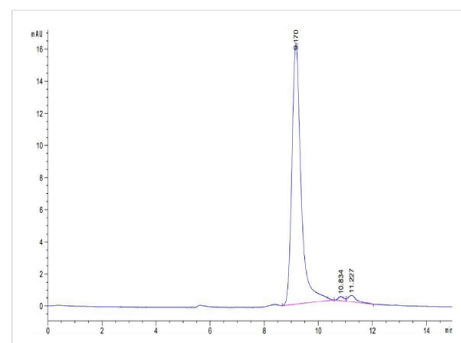
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IFN gamma/IFNG was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IFN gamma/IFNG including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Cytokine
Biological Process	Antiviral-defense, Growth-regulation
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



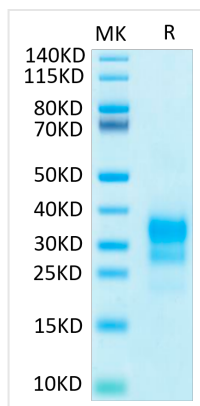
ELISA

Biotinylated Human IFN gamma/IFNG Protein ELISA Data: Immobilized Human IFNGR1, hFc Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IFN gamma, His Tag with the EC50 of 39.1 µg/ml determined by ELISA.



Application Data

Biotinylated Human IFN gamma/IFNG Protein SEC-HPLC: The purity of Biotinylated Human IFN gamma is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IFN gamma/IFNG Protein Tris-Bis PAGEBiotinylated Human IFN gamma on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IFNgamma/IFNG recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579; P15260; Q66793; P70380
Molecular Weight	19,348 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ifng-recombinant-protein-hek293/76182>