

IFN alpha/beta R1 Recombinant Protein | IFNalpha/beta recombinant protein

Biotinylated Human IFN alpha/beta R1 Protein Recombinant

CATALOG #	HOST
AAA76347	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

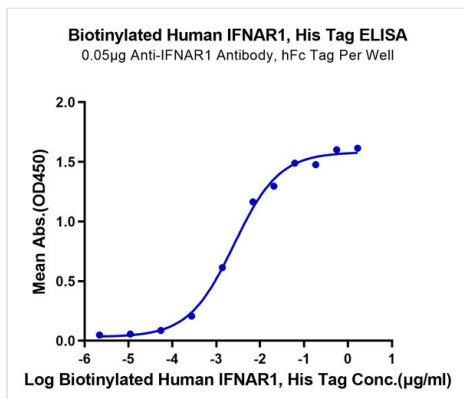
PRODUCT SYNONYMS

IFN alpha/beta R1; Biotinylated Human IFN alpha/beta R1 Protein Recombinant; IFNalpha/beta recombinant protein

PRODUCT SPECIFICATIONS

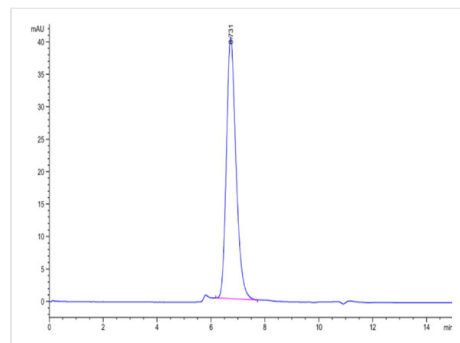
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IFN alpha/beta R1 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IFN alpha/beta R1 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).
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



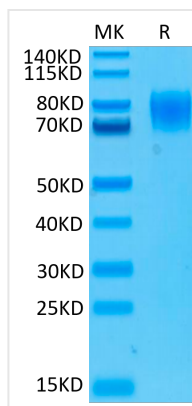
ELISA

Biotinylated Human IFN alpha/beta R1 Protein ELISA Data: Immobilized Anti-IFNAR1 Antibody, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IFNAR1, His Tag with the EC50 of 2.5 ng/ml determined by ELISA.



Application Data

Biotinylated Human IFN alpha/beta R1 Protein SEC-HPLC: The purity of Biotinylated Human IFNAR1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IFN alpha/beta R1 Protein Tris-Bis PAGE Biotinylated Human IFNAR1 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IFNalpha/beta recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46488932
NCBI GeneID	3454
NCBI Accession #	NP_000620.2
NCBI GenBank Nucleotide #	NM_000629.2
UniProt Accession #	P17181; P01563 IFNA2_HUMAN; P01574 IFNB_HUMAN; P29597 TYK2_HUMAN; P32881 IFNA8_HUMAN; P48551 INAR2_HUMAN; P23458
Molecular Weight	63,525 Da
NCBI Official Full Name	interferon alpha/beta receptor 1
NCBI Official Synonym Full Names	interferon (alpha, beta and omega) receptor 1
NCBI Official Symbol	IFNAR1
NCBI Official Synonym Symbols	AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC
NCBI Protein Information	interferon alpha/beta receptor 1; 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 famil
UniProt Protein Name	Interferon alpha/beta receptor 1
UniProt Gene Name	IFNAR1
UniProt Synonym Gene Names	IFNAR; IFN-R-1; IFN-alpha/beta receptor 1; CRF2-1
UniProt Entry Name	INAR1_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://stage.aaabiotech.com/ifnar1-recombinant-protein-hek293-cells/76347>