

IFN-alpha B2/IFNA8 Recombinant Protein | IFNA8 recombinant protein

Recombinant Human IFN-alpha B2/IFNA8 Protein

CATALOG #
AAA283397

HOST
HEK293 cells

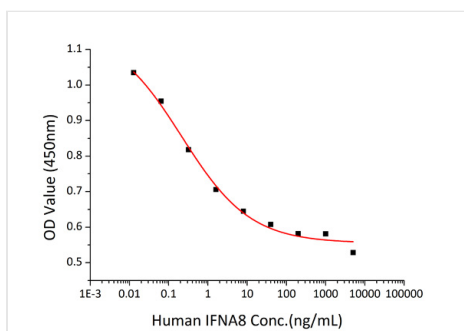
PRODUCT SYNONYMS

IFN-alpha B2/IFNA8; Recombinant Human IFN-alpha B2/IFNA8 Protein; IFNA8; IFN-alpha 8; IFNalpha B2; IFN-alpha B2; IFN-alpha-8; IFN-alphaB; interferon alpha type 201; interferon alpha-8; Interferon alpha-B; interferon alpha-B'; Interferon alpha-B2; interferon; alpha 8; LeIF B; IFNA8 recombinant protein

PRODUCT SPECIFICATIONS

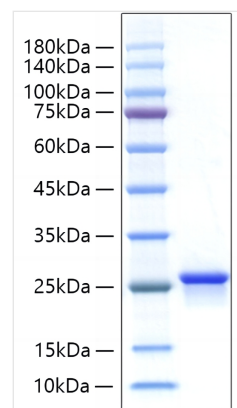
Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	SLGCDLPQTH SLGNRRALIL LAQMRRISPF SCLKDRHDFE FPQEEDDDKQ FQKAQAISVL HEMIQQTFNL FSTKDSSAAL DETLLDEFYI ELDQQQLNDLE SCVMQEVGVI ESPLMYEDSI LAVRKYFQRI TLYLTEKKYS SCAWEVVRAE IMRSFSL SIN LQKRLKSKE
Species	Human
Tag	C-His
Endotoxin	<0.01EU/ug of the protein by LAL method.
Bio-Activity	Measured in a cell cytotoxicity assay using TF-1 cells. The ED ₅₀ for this effect is 0.10?0.42ng/mL, corresponding to a specific activity of 2.38×10 ⁶ ~1.0×10 ⁷ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Human IFN-alpha B2/IFNA8 was measured in a cell cytotoxicity assay using TF-1 cells. The ED₅₀ for this effect is 0.10?0.42 ng/mL, corresponding to a specific activity of 2.38×10⁶~1.0×10⁷ units/mg.



SDS-PAGE

Recombinant Human IFN-alpha B2/IFNA8 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-30 kDa.

ADDITIONAL INFORMATION

Related Product Information for IFNA8 recombinant protein	Interferon alpha-B, also known as IFNA8, belongs to the alpha/beta interferon family. Interferons are proteins made and released by host cells in response to the presence of pathogens such as viruses, bacteria, parasites, or tumor cells. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. They also allow for communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. Interferons also activate immune cells, such as natural killer cells and macrophages. They increase recognition of infection or tumor cells by up-regulating antigen presentation to T lymphocytes. They also increase the ability of uninfected host cells to resist new infections by virus. Certain symptoms, such as aching muscles and fever, are related to the production of IFNs during infection. Produced by macrophages, IFN-alpha has antiviral activities.
Product Categories/Family for IFNA8 recombinant protein	Cytokines & Cytokine receptors; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	306902
NCBI GeneID	3445
UniProt Accession #	P32881; P01565; P09236; Q5VWV7; Q5VYQ3
UniProt Protein Name	Interferon alpha-8
UniProt Gene Name	IFNA8
UniProt Synonym Gene Names	IFN-alpha-8; LeIF B
UniProt Entry Name	IFNA8_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/ifna8-recombinant-protein-hek293/283397>