

IFN-alpha 2 Active Protein | IFN-alpha2 active protein

Active Recombinant Human IFN-alpha 2 Protein

CATALOG #
AAA282519

HOST
HEK293 cells

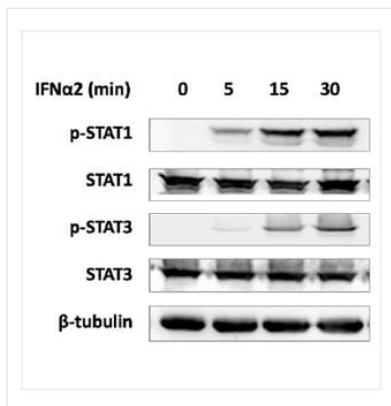
PRODUCT SYNONYMS

IFN-alpha 2; Active Recombinant Human IFN-alpha 2 Protein; IFNA2; IFN-alphaA; IFNA; IFNA2B; INF2A2; interferon alpha-2; Interferon alpha 2 (IFN-alpha2?; IFN-alpha2 active protein

PRODUCT SPECIFICATIONS

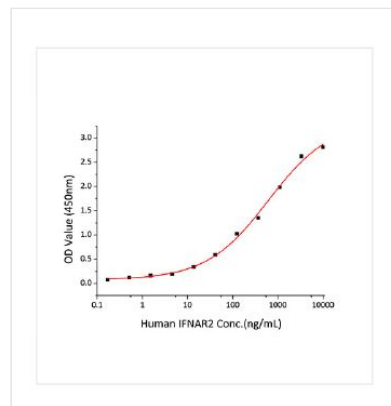
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Human IFNA2 at 2 ug/mL (100 uL/well) can bind Human IFNAR2 with a linear range of 0.2-617ng/mL. 2. Recombinant human IFN-alpha2 (10 ng/mL) was used to treat HCT116 cells. Western-blot result showed that both the level of phosphorylated STAT1 and STAT3 were increased, indicating the stimulation was successful.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



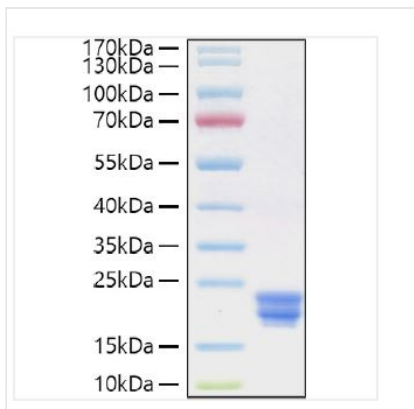
Application Data

Recombinant human IFN-alpha2 (10 ng/mL) was used to treat HCT116 cells. Western Blot result showed that both the level of phosphorylated STAT1 and STAT3 were increased, indicating the stimulation was successful.(Customer Feedback Data



Application Data

Immobilized recombinant Human IFNA2 at 2 ug/mL (100 uL/well) can bind Human IFNAR2 with a linear range of 0.2-617ng/mL.



SDS-PAGE

Active Recombinant Human IFN-alpha 2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20 ?23kDa.

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha2 active protein	Active Recombinant Human IFN-alpha 2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Cys24-Glu188) of human Interferon alpha 2/IFNA2 (Accession #NP_000596.2) fused with a 6×His tag at the C-terminus.
Product Categories/Family for IFN-alpha2 active protein	Cytokines & Cytokine receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	11067751
NCBI GeneID	3440
NCBI Accession #	NP_000596.2
NCBI GenBank Nucleotide #	NM_000605.3
UniProt Accession #	P01563; P01564; Q14606; Q6DJX8; Q96KI6; H2DF54; H2DF55
Molecular Weight	21,550 Da
NCBI Official Full Name	interferon alpha-2
NCBI Official Synonym Full Names	interferon, alpha 2
NCBI Official Symbol	IFNA2
NCBI Official Synonym Symbols	IFNA; INFA2; IFNA2B; IFN-alphaA
NCBI Protein Information	interferon alpha-2; IFN-alpha-2; alpha-2a interferon; interferon alpha 2a; interferon alpha 2b; interferon alpha A; IeIF A
UniProt Protein Name	Interferon alpha-2
UniProt Gene Name	IFNA2
UniProt Synonym Gene Names	IFNA2A; IFNA2B; IFNA2C; IFN-alpha-2; IeIF A
UniProt Entry Name	IFNA2_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/hek293-cells-ifn-alpha2-active-protein/ifn-alpha-2/282519>