

IFNA1 (IFN-alpha1) Recombinant Protein | IFNA1 recombinant protein

Recombinant Human IFNA1 (IFN-alpha1)

CATALOG #
AAA214300

HOST
E Coli

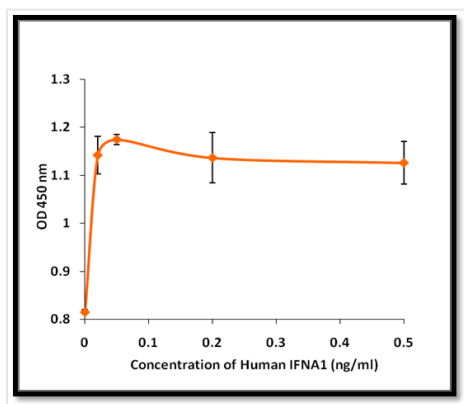
PRODUCT SYNONYMS

IFNA1 (IFN-alpha1); Recombinant Human IFNA1 (IFN-alpha1); Interferon alpha-D; IFN-alpha-1/13; LeIF D; IFNA13; IFNA1 recombinant protein

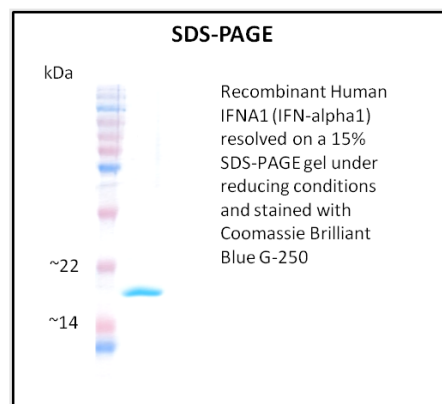
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in Tris and NaCl (pH 8.0)
Sequence Length	189
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IFNA1 recombinant protein

All known subtypes of IFN-alpha show the same antiviral antiparasitic, antiproliferative activities. IFN-alpha forms are produced by monocytes/macrophages, lymphoblastoid cells, fibroblasts, and a number of different cell types following induction by viruses, nucleic acids, glucocorticoid hormones, and low-molecular weight substances. All IFN-alpha subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-alpha subtypes differ in their sequences at only one or two positions. IFN-alpha and IFN-beta are thought to bind to the same receptor. Signal transduction mechanisms elicited after binding of IFN-alpha to its receptors involves tyrosine phosphorylation of various non-receptor tyrosine kinases belonging to the Janus kinases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124455
UniProt Accession #	P01562
Molecular Weight	19.7 kDa
NCBI Official Full Name	Interferon alpha-1/13
UniProt Protein Name	Interferon alpha-1/13
UniProt Gene Name	IFNA1
UniProt Synonym Gene Names	IFN-alpha-1/13; LeIF D
UniProt Entry Name	IFNA1_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/ifna1-recombinant-protein-e-coli/214300>