

Interferon-beta 1a Active Protein | IFNB 1a active protein

Recombinant Human Interferon-beta 1a

CATALOG # AAA10808	HOST Chinese Hamster Ovarian Cells (CHO)
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PRODUCT SYNONYMS

Interferon-beta 1a; Recombinant Human Interferon-beta 1a; IFN b 1a Human; Interferon-Beta 1a Human Recombinant; Leukocyte interferon; B cell interferon; Type I interferon; IFNB1; IFB; IFF; IFNB; IFN-b 1a; MGC96956; IFNB 1a active protein

PRODUCT SPECIFICATIONS

Host	Chinese Hamster Ovarian Cells (CHO)
Purity/Purification	Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Lyophilized from a solution (1mg/3.4ml) containing 91 mg Human Albumin, and 620 mg mannitol and 50mM Acetate acid pH 3.8.
Sequence Length	187
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Interferon beta 1a in sterile 18M ² -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity as determined in a viral resistance assay (human "Wish" cell line and VSV virus or the monkey VERO cell line with EMCV virus) was found to be 270 x 10 ⁶ IU/mg.
Preparation and Storage	Lyophilized Interferon-beta 1a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IFN-Beta1a should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IFNB 1a active protein	Description: Interferon-beta 1a Human Recombinant produced in CHO (Chinese Hamster Ovarian) cells is a single, glycosylated polypeptide chain containing 166 amino acids and having a molecular mass of 22500 Dalton. IFN-beta1a is purified by proprietary chromatographic techniques.
Product Categories/Family for IFNB 1a active protein	Cytokines and Growth Factors ; Cytokines ; Interferon

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.2
UniProt Accession #	P01574 ; Q5VWC9
NCBI Official Full Name	interferon beta

NCBI Official Synonym Full Names	interferon, beta 1, fibroblast
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB
NCBI Protein Information	interferon beta; IFN-beta; fibroblast interferon
UniProt Protein Name	Interferon beta
UniProt Gene Name	IFNB1
UniProt Synonym Gene Names	IFB; IFNB; IFN-beta
UniProt Entry Name	IFNB_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/chinese-hamster-ovarian-cells-ifnb-1a-active-protein/interferon-beta-1a/10808>