

Active Recombinant Human IFNB1 protein

Cat. No. IFNB1-178H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNB1 protein(P01574) (Met1-Asn187) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	1-187 aa
Form	Lyophilized from sterile 50mM Hepes, pH 7.0.
Bio-activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitisvirus (VSV). The EC50 for this effect is 1-5 pg/mL.
Molecular Mass	The recombinant human IFN β consists of 166 amino acids and predicts a molecular mass of 20 KDa. It migrates as an approximately 20-23 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IFNB1 interferon, beta 1, fibroblast [Homo sapiens]

Official Symbol IFNB1

Synonyms IFNB1; interferon, beta 1, fibroblast; IFNB; interferon beta; IFB; IFF; IFN-beta; fibroblast interferon; MGC96956;

Gene ID 3456

mRNA Refseq NM_002176

Protein Refseq NP_002167

MIM 147640

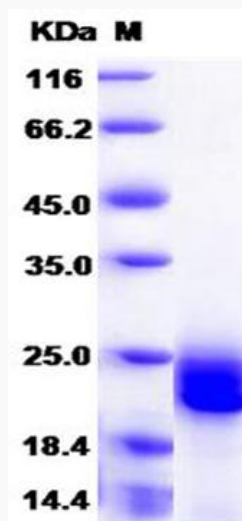
UniProt ID P01574

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SDS-PAGE



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