Active Recombinant Human IFNB1 protein, hFc-tagged

Cat. No. IFNB1-1124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNB1 protein(P01574)(Met22-Asn187) is expressed in HEK293 with a human IgG1 Fc tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	22-187 aa
Form	Lyophilized from a 0.2 μm filtered solution of 20mM NaAC-HAC, 10%Terhalose, 50mM NaCl, 3%Mannitol, 0.01%Tween20, pH5.5.
Bio-activity	Immobilized Recombinant Human IFNAR2 (C-Fc) at 2μg/ml (100 μl/well) can bind Recombinant Human IFNB1.: Biotinylated by NHS-biotin prior to testing.The ED50 of Recombinant Human IFNB1 is 4.36ng/ml.
Molecular Mass	46.2kDa
Endotoxin	<0.01EU/μg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

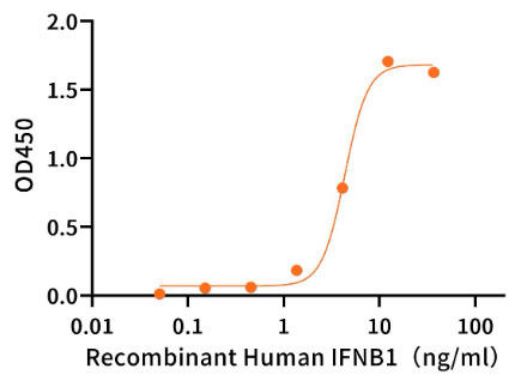
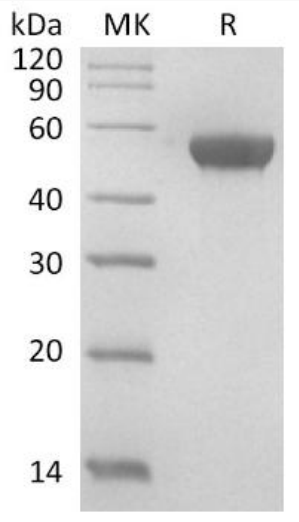
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Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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Activity	
SDS-PAGE	

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