

Interferon Beta (IFN β) Active Protein | IFN β active protein

Active Interferon Beta (IFN β)

CATALOG # AAA153006	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
-------------------------------	-----------------------	---

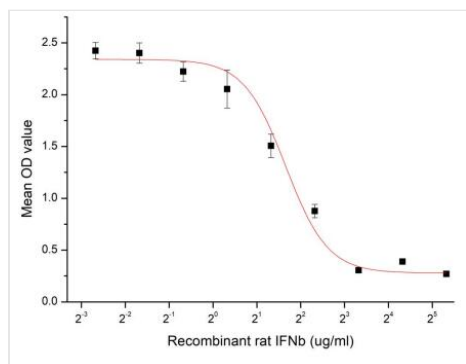
PRODUCT SYNONYMS

Interferon Beta (IFN β); Active Interferon Beta (IFN β); Interferon Beta; IFN β active protein (prokaryotic); Rat; IFNB1; IFN-B; IFB; IFF; IFNB; Interferon Beta 1 Fibroblast; IFN β active protein

PRODUCT SPECIFICATIONS

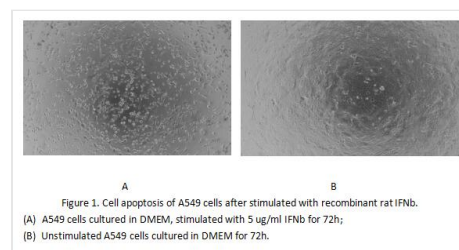
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Asp23~Phe169
Applicable Applications for IFN β active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Isoelectric Point	9.6
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



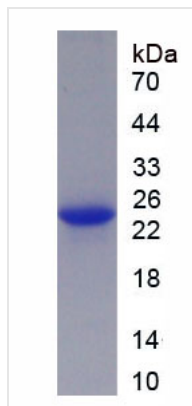
Bioactivity

Figure 2. Cell apoptosis of A549 cells after stimulated with recombinant rat IFN β .



Bioactivity

Interferon Beta (IFN β) is belongs to type I interferons (IFNs) family which a large subgroup of interferon proteins that help regulate the activity of the immune system. The IFN β proteins are produced in large quantities by fibroblasts. They have antiviral



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IFNb active protein	Active proteins
---	-----------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506801
NCBI GeneID	24481
NCBI Accession #	NP_062000.1
NCBI GenBank Nucleotide #	NM_019127.1
UniProt Accession #	P70499
Molecular Weight	22,073 Da
NCBI Official Full Name	interferon beta
NCBI Official Synonym Full Names	interferon beta 1, fibroblast
NCBI Official Symbol	Ifnb1
NCBI Official Synonym Symbols	Ifnb
NCBI Protein Information	interferon beta; IFN-beta; interferon, beta 1
UniProt Protein Name	Interferon beta
UniProt Gene Name	Ifnb1
UniProt Synonym Gene Names	Ifnb
UniProt Entry Name	IFNB_RAT

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.