

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

Active Interferon Beta (IFN β)

CATALOG # AAA153004	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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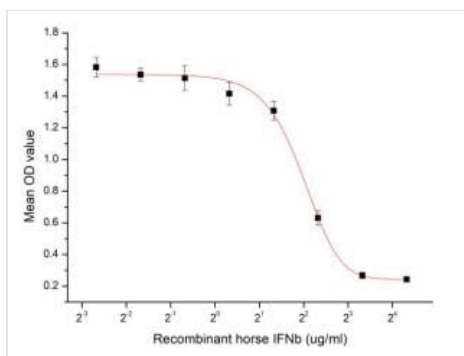
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

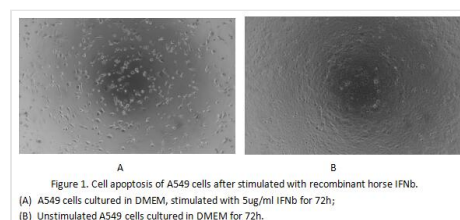
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Val22-Asn186
Applicable Applications for IFN β active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Horse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Isoelectric Point	6.2
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



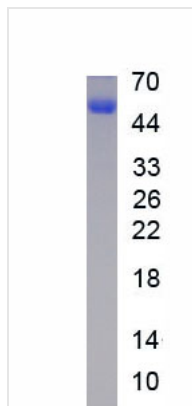
Bioactivity

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



Bioactivity

Interferon Beta (IFN β) belongs to type I interferons (IFNs) family which is 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
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NCBI AND UNIPROT INFORMATION

NCBI GI #	150456447
NCBI GeneID	100052545
NCBI Accession #	NP_001092910.1
NCBI GenBank Nucleotide #	NM_001099440.1
UniProt Accession #	P05012
Molecular Weight	21,882 Da
NCBI Official Full Name	interferon beta
NCBI Official Symbol	IFNB1
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta
UniProt Gene Name	IFNB1
UniProt Synonym Gene Names	IFNB; IFN-beta

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/e-coli-active-protein/interferon-beta-ifnb/153004>