

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

Active Interferon Beta (IFN β)

CATALOG # AAA153001	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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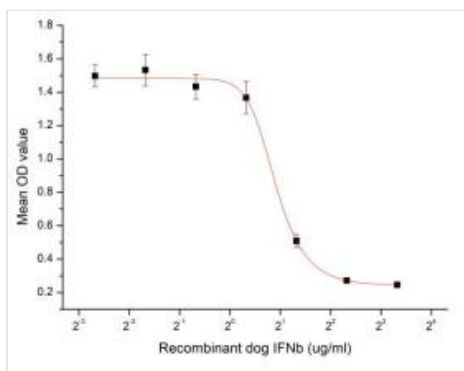
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

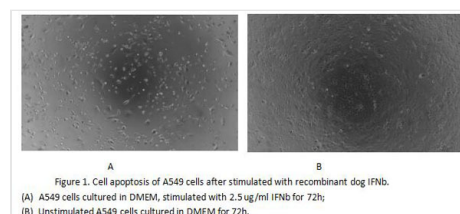
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala21~Asn186
Applicable Applications for IFN β active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Dog
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



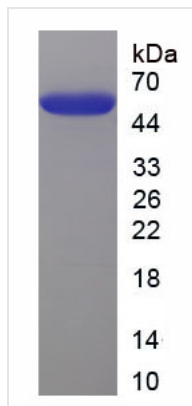
Bioactivity

Figure 2. Cell apoptosis of A549 cells after stimulated with recombinant dog 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
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209417932
NCBI GeneID	481558
NCBI Accession #	NP_001129259.1
NCBI GenBank Nucleotide #	NM_001135787.1
UniProt Accession #	B6E116
Molecular Weight	22,388 Da
NCBI Official Full Name	interferon beta
NCBI Official Symbol	IFNB1
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon-beta
UniProt Gene Name	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/153001>