Bioactive

IFN-alpha 2b (Human) Recombinant Protein

Catalog # P6257 Size 250 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human IFN-alpha 2b (P01563) recombinant protein expressed in *E.Coli*.
Sequence	MCDLPQTHSLGSRRTLMLLAQMRRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHEMIQQIFN LFSTKDSSAAWDETLLDKFYTELYQQLNDLEACVIQGVGVTETPLMKEDSILAVRKYFQRITLYLKE KKYSPCAWEVVRAEIMRSFSLSTNLQESLRSKE
Host	Escherichia coli
Theoretical MW (kDa)	19.4
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	Viral CPE assay using EMC virus on A549 cells The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).
Storage Instruction	Stored at -20°C to-80°C for 12 month. After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot

Gene Info — IFNA2

Entrez GeneID	3440
Protein Accession#	P01563
Gene Name	IFNA2
Gene Alias	IFNA, INFA2, MGC125764, MGC125765
Gene Description	interferon, alpha 2
Omim ID	147562
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000021143|alpha-2a interferon|interferon alpha 2b|interferon alpha A

Pathway

- Antigen processing and presentation
- Autoimmune thyroid disease
- Cytokine-cytokine receptor interaction

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Jak-STAT signaling pathway
- Natural killer cell mediated cytotoxicity
- Regulation of autophagy
- Toll-like receptor signaling pathway

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Hepatitis B
- Hepatitis C
- Infant
- Lupus Erythematosus
- Malaria
- Respiratory Syncytial Virus Infections

Copyright © 2023 Abnova Corporation. All Rights Reserved.