

Interferon a-2b (24-188) Human, Recombinant, E.coli

Cat.NO.: TP02669

3th Edition

Synonyms:IFNA, INFA2

Description:Interferon induces a variety of effects on target cells including antiviral, antiproliferative, and immunomodulatory activities. Interferon α -2b can either inhibit or enhance immune cell activity within the tightly regulated microenvironment of inflammation, depending upon the concentration of the cytokine and the activation stage of the cell. Interferon α -2b was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Form:Liquid. In phosphate-buffered Saline(pH 7.4)

Molecular Weight:19.4kDa (166aa), confirmed by MALDI-TOF

Sequences:

MCDLPQTHSLGSRRTLMLLAQMRRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHEMIQQIFNLFSTKDSSAA
WDETLDDKFKYTELYQQLNDLEACVIQGVGVTEPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFS
LSTNLQESLRSKE

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.