

Recombinant human IFN Gamma Mature Chain, C-His

Catalog Number: bs-0388P

Concentration: >0.5 mg/ml

AA Seq: 24-161/166

Predicted MW: 16

Detected MW: 17 kDa

Tags: C-His

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Mammalian Interferon gamma is mainly produced by T lymphocytes and NK cells. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak antiviral and antiproliferative activity, and potentiates the antiviral and anti tumor effects of IFN alpha / beta (type I interferon). It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN. Labile at pH 2.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.965] Wang Xiaolei. et al. Inhibition of miRNA-155 Alleviates High Glucose-Induced Podocyte Inflammation by Targeting SIRT1 in Diabetic Mice. J Diabetes Res. 2021;2021:5597394 Other ; . 33748285

[IF=3.222] Jing Wang. et al. Nuclear paraspeckle assembly transcript 1 promotes the podocyte injury via targeting miR-23b-3p/B-cell lymphoma-2 interacting protein 3 like axis. RENAL FAILURE. 2022 Nov 09 Other ; . 36350669