



Optimize Your Research

Interferon- α 2b; human IFN- α 2b (E. coli-derived) protein

Code CD01612

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

Source

Escherichia coli.

Molecular Weight

Approximately 19.4 kDa, a single non-glycosylated polypeptide chain containing 166 amino acids.

Purity

> 96 % by SDS-PAGE and HPLC analyses.

Biological Activity

Fully biologically active when compared to standard. The specific activity determined by an anti-viral assay is no less than 1.0×10^8 IU/mg.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 μ m filtered solution in PBS, pH 7.4.

Sequence

MC₁DL₁PQ₁TH₁SL₁ GSR₁RTL₁M₁LL₁A QM₁RR₁IS₁LF₁SC₁ LK₁DR₁HD₁FG₁FP₁ QE₁EF₁GN₁Q₁F₁Q₁K₁ AET₁IP₁VL₁HE₁M₁ IQ₁Q₁IF₁N₁L₁F₁ST₁ KD₁SS₁AA₁WD₁ET₁ LLD₁K₁F₁Y₁TE₁LY₁ QQL₁ND₁LE₁AC₁V₁ IQ₁GV₁GV₁T₁ET₁P₁ LMK₁ED₁S₁IL₁AV₁ RK₁Y₁F₁QR₁IT₁LY₁ LKE₁KK₁Y₁SP₁CA₁ WE₁V₁V₁RA₁E₁IM₁R₁ SF₁SL₁ST₁N₁L₁Q₁E₁ SL₁RS₁KE₁

Endotoxin

Less than 1 EU/ μ g of rHuIFN- α 2b, Ecoli. as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: order@bt-laboratory.com; technical assistance please contact us via: support@bt-laboratory.com More product visit www.bt-laboratory.com

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