



Optimize Your Research

# Recombinant Human Interferon-alpha2b, Yeast protein

## Code CD01613

**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

Saccharomyces cerevisiae

### Molecular Weight

Approximately 19.3 kDa, a single polypeptide chain containing 165 amino acids.

### Purity

> 98 % 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  $1.6 \times 10^8$  IU/mg.

### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

### Formulation

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

### Sequence

MC<sub>1</sub>DL<sub>1</sub>PQ<sub>1</sub>TH<sub>1</sub>SL<sub>1</sub> GSR<sub>1</sub>RTL<sub>1</sub>M<sub>1</sub>LL<sub>1</sub>A QM<sub>1</sub>RR<sub>1</sub>IS<sub>1</sub>LF<sub>1</sub>SC LK<sub>1</sub>DR<sub>1</sub>HD<sub>1</sub>FG<sub>1</sub>FP QE<sub>1</sub>EF<sub>1</sub>GN<sub>1</sub>Q<sub>1</sub>F<sub>1</sub>Q<sub>1</sub>K AE<sub>1</sub>TIP<sub>1</sub>VL<sub>1</sub>HE<sub>1</sub>M IQ<sub>1</sub>Q<sub>1</sub>IF<sub>1</sub>N<sub>1</sub>L<sub>1</sub>F<sub>1</sub>ST KD<sub>1</sub>SS<sub>1</sub>AA<sub>1</sub>WD<sub>1</sub>ET LLD<sub>1</sub>K<sub>1</sub>F<sub>1</sub>Y<sub>1</sub>TE<sub>1</sub>LY QQL<sub>1</sub>ND<sub>1</sub>LE<sub>1</sub>AC<sub>1</sub>V IQ<sub>1</sub>GV<sub>1</sub>GT<sub>1</sub>ET<sub>1</sub>P LMK<sub>1</sub>ED<sub>1</sub>S<sub>1</sub>IL<sub>1</sub>AV RK<sub>1</sub>Y<sub>1</sub>F<sub>1</sub>QR<sub>1</sub>IT<sub>1</sub>LY LKE<sub>1</sub>KK<sub>1</sub>Y<sub>1</sub>SP<sub>1</sub>CA WE<sub>1</sub>V<sub>1</sub>V<sub>1</sub>RA<sub>1</sub>E<sub>1</sub>IM<sub>1</sub>R SF<sub>1</sub>SL<sub>1</sub>ST<sub>1</sub>N<sub>1</sub>L<sub>1</sub>QE SL<sub>1</sub>RS<sub>1</sub>KE

### Endotoxin

Less than 0.1 EU/µg of rHuIFN-α2b, Yeast 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](mailto:order@bt-laboratory.com); technical assistance please contact us via: [support@bt-laboratory.com](mailto:support@bt-laboratory.com) More product visit [www.bt-laboratory.com](http://www.bt-laboratory.com)

5/F 2 Bldg., 501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China  
Tel: 86 21 31007137 | E-mail: [support@bt-laboratory.com](mailto:support@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)