



Interferon alpha 2 (alpha 2b), Recombinant, Human (Interferon alpha 2b, IFNA, INFA2, MGC125764, MGC125765)

Catalog number

219976

Supplier

United States Biological

IFN-alpha 2b is a lymphoid factor that possesses potent anti-viral activity.

Source

Recombinant protein corresponding to 165aa residues from human IFNA2b, expressed in E. coli.

Molecular Weight

~19.3kD

Specific Activity

Determined in a viral resistance assay using bovine kidney MDBK cells was found to be 2.6x10⁸units/mg.

Endotoxin

<0.1ng/ug

Storage and Stability

Lyophilized powder may be stored at -20°C. Reconstitute with sterile dH₂O. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Reconstituted product is stable for 6 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a lyophilized powder in 5mM sodium phosphate, pH 7.4. No preservative added. Reconstitute with sterile ddH₂O to 1mg/ml.

Purity

~98% (SDS-PAGE, HPLC)

Grade

Highly Purified

Storage

-20°C

MW

19.3



Antigen Modification

Recombinant, E. coli