

Human IFNA2C Recombinant Protein



RPPB5731

Product Information Protein Information

Product SKU:

RPPB5731

Accession:

P01563

Host:

Saccharomyces cerevisiae.

Protein description:

Interferon-alpha 2c Recombinant Human produced in yeast is a single, glycosylated polypeptide chain containing 165 amino acids and having a molecular mass of 19.3kDa. The IFNA2C is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interferon alpha-2, IFN-alpha-2, Interferon alpha-A, LeIF A, IFNA2, IFNA2A, IFNA2B, IFNA2C.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4 and 0.02 % Tween-20.

Purity:

Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Interferon-alpha 2c in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IFNA2C although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Interferon-alpha 2c should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

CDLPQTHSLG SRRTLMLLAQ MRRISLFSCL KDRRDFGFPQ EEFGNQFQKA ETIPVLHEMI QQIFNLFSTK
DSSAAWDETL LDKFYTELYQ QLNDLEACVI QGVGVTTETPL MKEDSILAVR KYFQRITLYL KKKYSPCAW
EVRAEIMRS FSLSTNLQES LRSKE.

Biological Activity:

The activity is determined by the cytopathic effect inhibition assay.