

32-7911: Recombinant Human Interferon a-1/13 (C-6His)

Gene : IFNA1
Gene ID : 3439
Uniprot ID : P01562

Description

Source: Human Cells.
MW :20.4kD.

Recombinant Human Interferon alpha-1 is produced by our Mammalian expression system and the target gene encoding Cys24-Glu189 is expressed with a 6His tag at the C-terminus. Interferon alpha-1/13(IFN-alpha-1/13 for short), also known as Interferon alpha-D, is a secreted protein which belongs to the alpha/beta interferon family. It is produced by macrophages. IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. IFN-alpha exerts a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : CDLPETHSLDNRRTLMMLAQMSRISPSSCLMDRHDFGFPQEFDGNQFQKAPAVISVLHELIQQIFNLFITTKDSSA
AWDEDLLDKFCTELYQLNDLEACVMQEERVGETPLMNADSILAVKKYFRITLYLTEKKYSPCAWEVVRAEIM
RSLSLSTNLQERLRRKEVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.