

Recombinant Human Interferon-alpha 1

Alternate names:	IGF, IGF-1, IGF-IA, IGF-IB, IGF1, IGFI, IGFIGA, IGFIGB, Insulin-like Growth Factor 1, MGF, Somatomedin, Somatomedin C
Catalog No.:	PA1054X
Quantity:	20 µg
Concentration:	1 mg/ml
Background:	Interferons are cytokines that are widely known to induce potent anti-viral activity . Interferon -α 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.
Species:	Tuna
Source:	E. coli
Format:	State: Sterile Filtered colorless solution. Purity: >95% Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Buffer System: Phosphate-buffered saline (PBS), pH 7.4.
Description:	IFNA1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids. The IFN-alpha 1 is purified by proprietary chromatographic techniques. AA Sequence: MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAISVLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA VKKYFRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ ERLRRKE Molecular weight: 7 kDa 19.5 kDa.
Storage:	Liquid Interferon although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% d ⁹ -18 HSA or BSA). Please avoid freeze-thaw cycles. Please avoid freeze-thaw cycles.