

## OriGene Technologies Inc.

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## PA1054X **OriGene EU**

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## Recombinant Human Interferon-alpha 1

Alternate names:	IGF, IGF-1, IGF-IA, IGF-IB, IGF1, IGFI, IGFIA, IGFIB, 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 -a 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:	<ul> <li>State: Sterile Filtered colorless solution.</li> <li>Purity: &gt;95% Greater than 95.0% as determined by:</li> <li>(a) Analysis by RP-HPLC.</li> <li>(b) Analysis by SDS-PAGE.</li> <li>Buffer System: Phosphate-buffered saline (PBS), pH 7.4.</li> </ul>
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. <b>AA Sequence:</b> MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAISVLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ ERLRRKE <b>Molecular weight:</b> 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?°-18 HSA or BSA). Please avoid freeze-thaw cycles. Please avoid freeze-thaw cycles.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



OG/20121030

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