

Product information

Interferon α -1, 24-189aa

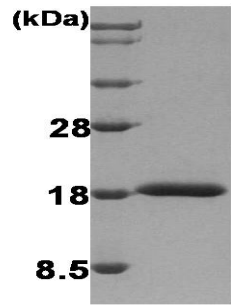
Human, Recombinant, *E.coli*

Cat. No. IBIFN0501

Synonyms: IFN-ALPHA, IFL, IFNA13

NCBI Accession No.: NP_076918

Description: Interferon- α is 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. Recombinant human Interferon- α was expressed in *E.coli* and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

<p>Form: Liquid. In phosphate-buffered Saline(pH 7.4)</p> <p>Molecular Weight: 19.5kDa (167aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p> <p>Endotoxin Level: < 1.0 EU per 1 μg of protein (determined by LAL method)</p>	 <p>(kDa)</p> <p>28</p> <p>18</p> <p>8.5</p> <p>15% SDS-PAGE (3μg)</p>
<p>Sequences of amino acids:</p> <p>MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAI SVLHE LIQQIFNLFT TKOSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNADSI LA VKKYFRRITL YLTKKYSPPC AWEVRAEIM RSLSLSTNLQ ERLRRKE</p>	

General references:

- Goeddel DV, *et al.* (1981) *Nature*, **290**(5801): 20-6
- Mire-Sluis, A.R., *et al.*(1996) *J. Immunol. Methods*.**195**: 55-61
- Rubinstein, S., *et al.*(1981) *J. Virol.* **37**: 755-758

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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