

Interferon-Alpha 1 Human Recombinant

Item Number	rAP-0458
Synonyms	IFNA1, IFN-alpha 1, Interferon -a.
Description	IFNA1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (24-189) and having a molecular mass of 19.5 kDa. The IFN-alpha 1 is purified by proprietary chromatographic techniques.
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Amino Acid Sequence	MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAP AISVLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ ERLRRKE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	1mg/ml in phosphate-buffered saline (PBS), pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**