

Interferon-alpha 7 Human Recombinant

Item Number	rAP-0451
Synonyms	Interferon alpha-7, IFN-alpha-7, Interferon alpha-J, LeIF J, Interferon alpha-J1, IFN-alpha-J1, IFNA7, IFNA-J, IFN-alphaJ.
Description	IFNA7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 191 amino acids (24-189 a.a) and having a molecular mass of 22.3kDa. IFNA7 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P01567
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMCDLPQ THSLRNRRAL ILLAQMGRIS PFSCLKDRHE FRF-PEEEFDG HQFQKTQAIS VLHEMIQQTFLNFSTEDSSA AWEQSLLEKF STELYQQLND LEACVIQEVG VEETPLMNED FILAVRKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D.
Source	E.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	IFNA7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% 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**