

Interferon Regulatory Factor-1 Human Recombinant

Item Number	rAP-0464
Synonyms	IRF-1, IRF1, MAR.
Description	Interferon Regulatory Factor-1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids (1-114) with a His Tag of 20 aa, and having a molecular mass of 15 kDa. The IRF-1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10914
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPITRMRMRP WLEMQINSNQ IPGLIWINKE EMIFQIP-WKHAAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	1 mg/ml in 20mM Tris pH-8 and 10% glycerol. Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis 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**