
Product Data Sheet

Product Name: IRF1 Human
Cat. No.: GP20409
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IRF-1; IRF1; MAR.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MPITRMRMRP WLEMQINSNQ IPGLIWINKE EMIFQIPWKHAAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPP.		
Formulation	1 mg/ml in 20mM Tris pH-8 and 10% glycerol.		

Introduction

IRF1, IFN regulatory factor 1, is a member of the IFN regulatory transcription factor (IRF) family which regulates gene expression critical to immune response, hematopoiesis and proliferation. IRF-1 is a transcriptional activator for IFN-A, IFN-B, and IFN-G stimulated genes. IRF1 is also a tumor suppressor transcription factor inducing apoptosis of tumorigenic cell lines.

Stability

Liquid IRF1 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.

Background

IRF1 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 IRF1 is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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