

IRF1 recombinant protein

IRF1, 1-114aa, Human, His tag, E Coli

CATALOG # AAA48463	HOST E Coli	APPLICATIONS SDS-Page
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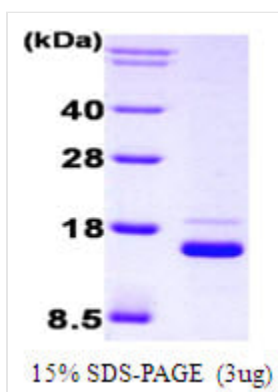
PRODUCT SYNONYMS

IRF1; 1-114aa; Human; His tag; E Coli; Interferon regulatory factor-1; MAR; Interferon regulatory factor 1; Interferon regulatory factor-1 Interferon regulatory factor 1; IRF 1; IRF-1; MAR1.; IRF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	In 20mM Tris 8.0, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MPITRMRMRP WLEMQINSNQ IPGLIWINKE EMIFQIPWKH AAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPP
Sequence Length	325
Applicable Applications for IRF1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IRF1 recombinant protein	IRF1, Interferon regulatory factor 1, is a member of the interferon regulatory transcription factor (IRF) family which regulates gene expression critical to immune response, hematopoiesis and proliferation. IRF-1 is a transcriptional activator for IFN-alpha, IFN-beta, and IFN-gamma stimulated genes. IRF1 is also a tumor suppressor transcription factor inducing apoptosis of tumorigenic cell lines. Recombinant human IRF1 was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for IRF1 recombinant protein	Hormones & Cytokines
References	Hochhaus A., et al. (1997) Leukemia. 11 (7):933-9.; Liu J., et al. (2005) J Biol Chem. 280 (26):24347-55;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504721
NCBI GeneID	3659
NCBI Accession #	NP_002189
NCBI GenBank Nucleotide #	NM_002198.2
UniProt Accession #	P10914 ; Q96GG7
Molecular Weight	15 kDa (134 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	interferon regulatory factor 1 isoform 1
NCBI Official Synonym Full Names	interferon regulatory factor 1
NCBI Official Symbol	IRF1
NCBI Official Synonym Symbols	MAR; IRF-1
NCBI Protein Information	interferon regulatory factor 1
UniProt Protein Name	Interferon regulatory factor 1
UniProt Gene Name	IRF1
UniProt Synonym Gene Names	IRF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/irf1-recombinant-protein-e-coli-sds-page/48463>