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Recombinant human IRF3 protein

Catalog Number: IRF0701

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-112aa

UniProt No.

014653

NCBI Accession No.

NP 001562.1

Alternative Names

IRF3, Interferon regulatory factor-3, IRF-3, Interferon regulatory factor 3, IRF 3.

PRODUCT SPECIFICATION

Molecular Weight

13 kDa (112aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-buffered saline (pH 7.4)

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

Non-Tagged

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Members of the Interferon regulatory factor (IRF) family regulate gene expression critical to immune response, hemopoiesis, and proliferation. IRF-3 is a member of the IRF family, and is distinct from other family members. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucial role in activation of innate immunity and inflammation in response to viral infection. Recombinant human IRF3 was



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expressed in E. coli and purified by using conventional chromatography techniques

Amino acid Sequence

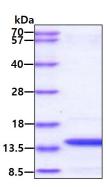
MGTPKPRILP WLVSQLDLGQ LEGVAWVNKS RTRFRIPWKH GLRQDAQQED FGIFQAWAEA TGAYVPGRDK PDLPTWKRNF RSALNRKEGL RLAEDRSKDP HDPHKIYEFV NS

General References

Pietila TE et al., J Immunol. (2007) 178(1):253-61 DeFilippis VR et al., J Virol., (2006) 80(2):1032-7

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

