

Recombinant human IRF5 protein

Catalog Number: ATGP2617

PRODUCT INFORMATION

Expression system

E.coli

Domain

176-240aa

UniProt No.

Q13568

NCBI Accession No.

NP_116032.1

Alternative Names

interferon regulatory factor 5 isoform b, SLEB10

PRODUCT SPECIFICATION

Molecular Weight

10.7 kDa (101aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

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

IRF5 is a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Multiple transcript variants encoding different isoforms have been found for this gene, and a 30-nt indel polymorphism Recombinant human IRF5 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

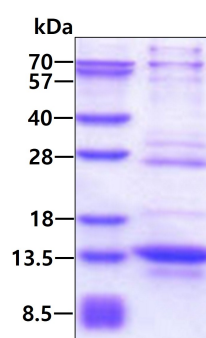
<MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS>PPTL QPPTLQPPVV LGPPAPDPSP LAPPPGNPAG
FRELLSEVLE PGPLPASLPP AGEQLLPDLL I

General References

Barnes B.J., et al (2001). J. Biol. Chem. 276:23382-23390
Schoenemeyer A., et al (2005). J. Biol. Chem. 280:17005-17012

DATA

SDS-PAGE



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