

Interferon Regulatory Factor 5 Recombinant Protein | IRF5 recombinant protein

Recombinant Interferon Regulatory Factor 5 (IRF5)

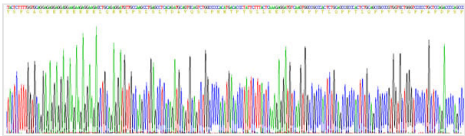
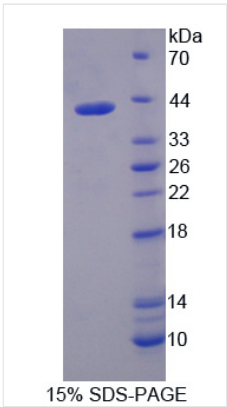
CATALOG # AAA144147	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Interferon Regulatory Factor 5; Recombinant Interferon Regulatory Factor 5 (IRF5); IRF5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>80%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for IRF5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens
Source	Prokaryotic expression
Residues	Tyr136~Ala475
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Predicted isoelectric point	5.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Identification

SDS-PAGE

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                                YSFGA GEEEEEEEL
QRMLPSLSLT EDVKWPPTLQ PPTLRPPTLQ PPTLQPPVVL GPPAPDPSP
APPPGNPAGF RELLSEVLEP GPLPASLPPA GEQLLPDLII SPHMLPLTDL
EIKFYVRGRP PRALTISNPH GCRLFYSQL EATQEQVELFG PISLEQVRFP
SPEDIPSDKQ RFYTNQLLDV LDRGLILQLQ QQDLYAIRLC QCKVFWSGPC
ASAHDSCPNP IQREVTKLF SLEHFLNELI LFKQGQTNTP PPFEIFFCFG
EENPDRKPRE KKLITVQVVP VAARLLEMF SGELSWADS IRLQISNPDL
KDRMVEQFKE LHHINQSQQR LQPVA
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	47086283
NCBI GeneID	405811
NCBI Accession #	NP_998040.1
NCBI GenBank Nucleotide #	NM_212875.1
Molecular Weight	Predicted Molecular Mass:42.2kDa Accurate Molecular Mass:42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	interferon regulatory factor 5
NCBI Official Synonym Full Names	interferon regulatory factor 5
NCBI Official Symbol	irf5
NCBI Official Synonym Symbols	zgc:76986; im:7155364
NCBI Protein Information	interferon regulatory factor 5

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.