

Recombinant Interferon Regulatory Factor 3 (IRF3) Instruction Manual

SIPB819Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	49.1kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asp406 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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METPKPRILP WLVSQDLGQ LEGVAWLDES RTRFRIPWKH GLRQDAQMAD  
FGIFQAWAEA SGAYTPGKDK PDVSTWKRNF RSALNRKEVL RLAADNSKDP  
YDPHKVYEFV TPGARDFVHL GASPDTNGKS SLPHSQENLP KLFDGLILGP  
LKDEGSSDLA IVSDPSQQLP SPNVNNFLNP APQENPLKQL LAEEQWEFEV  
TAFYRGRQVF QQTLFCPQGL RLVGSTADMT LPWQPVTLPD PEGFLTDKLV  
KEYVGVQLKG LGNGLALWQA GQCLWAQRLG HSHAFWALGE ELLPDSGRGP  
DGEVHKDKDG AVFDLRPFVA DLIAFMEGSG HSPRYTLWFC MGEMWPQDQP  
WVKRLVMVKV VPTCLKELLE MAREGGASSL KTVDLHISNS QPISLTSdqY  
KAYLQD
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

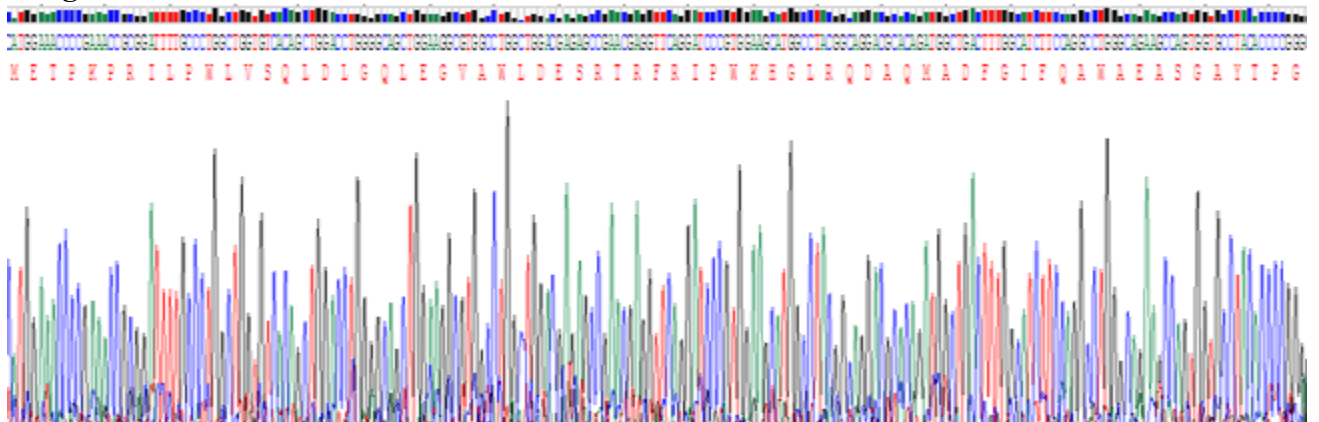


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.