

Recombinant Interferon Regulatory Factor 2 (IRF2) Instruction Manual

SIPC333Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	43.0kDa
Accurate Molecular Mass	47kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Cys349 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK  
DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK  
KGNNAFRVYR MLPLSERPSK KGKKPKTEKE DKVKHIKQEP VESSLGLSNG  
VSDLSPEYAV LTSTIKNEVD STVNIIVVGQ SHLDSNIENQ EIVTNPPDIC  
QVVEVTTESD EQPVSMSELY PLQISPVSSY AESETTDSVP SDEESAEGRP  
HWRKRNIEGK QYLSNMGTRG SYLLPGMASF VTSNKPDQV TIKEESNPVP  
YNSSWPPFQD LPLSSMTPA SSSSRPDRET RASVIKKTSD ITQARVKSC
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USAGE

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

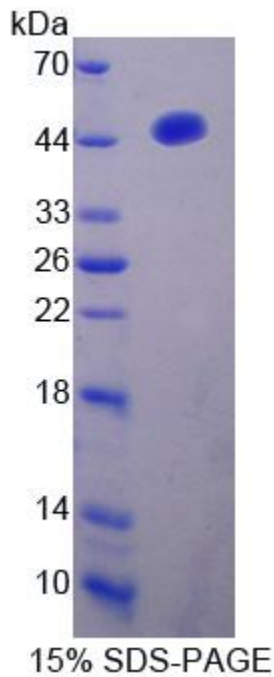
STORAGE

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



SDS-PAGE Image

[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.