

**RPB776Mu01 300µg**

**Recombinant Interferon Regulatory Factor 8 (IRF8)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

**FOR RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Met1~Arg327

**Tags:** N-terminal His Tag

**Subcellular Location:** Nucleus

**Purity:** > 97%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 250µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.9

**Predicted Molecular Mass:** 40.9kDa

**Accurate Molecular Mass:** 41kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

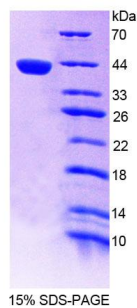
Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. 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.

## **[ SEQUENCE ]**

MCDRNGGRR L RQWLIEQIDS SMYPGLIWEN DEKTMFRIPW KHAGKQDYNQ  
 EVDASIFKAW AVFKGKFKEG DKAEPATWKT RLRCALNKSP DFEEVTDRSQ  
 LDISEPYKVY RIVPEEEQKC KLGVAPAGCM SEVPEMECGR SEIEELIKEP  
 SVDEYMGMTK RSPSPPEACR SQILPDWWVQ QPSAGLPLVT GYAAVDTHHS  
 AFSQMVISFY YGCKLVGQAT TTCLEGCRLS LSQPGLPKLY GPDGLEPVCF  
 PTADTIPSER QRQVTRKLFG HLERGVLLHS NRKGVFVKRL CQGRVFCSGN  
 AVVCKGRPNK LERDEVVQVF DTNQFIR

## [ IDENTIFICATION ]



## [ 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.