

**RPH792Ra01 100µg**

**Recombinant Insulin Promoter Factor 1 (IPF)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Met1~Arg283

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Nucleus, Cytoplasm

**Purity:** > 95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 200µg/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:** 7.3

**Predicted Molecular Mass:** 60.8kDa

**Accurate Molecular Mass:** 62kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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 ]**

MNSEEQYYAA TQLYKDPCAF QRGVPVEFSA NPPACLYMGR QPPPPPPPPQF  
 AGSLGTLEQG SPPDISPYEV PPLADDPAGA HLHHHLPAQL GLAHPPPGPF  
 PNGTETGGLE EPSRVHLPFP WMKSTKAHAW KSQWAGGAYA AEPEENKRTR  
 TAYTRAQLLE LEKEFLFNKY ISRPRRVELA VMLNLTERHI KIWFQNRRMK  
 WKKEEDKKRS SGTTSGGGGG EEPEQDCAVT SGEELLALPP PPPPGGAVPS  
 GVPAAAREGR LPSGLSASPQ PSSIAPLRPQ EPR

## [ IDENTIFICATION ]



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.