# Recombinant Acidic Nuclear Phosphoprotein 32 Family, Member A (ANP32A) Instruction Manual

## SIPJ157Mu01

#### Mus musculus (Mouse)

**Source** Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1μg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm, Endoplasmic reticulum lumen

**Predicted Molecular Mass** 58.5kDa

Accurate Molecular Mass 58/50kDa(Analysis of differences refer to the manual)

**Residues & Tags** Glu2-Asp247 with N-terminal His and GST Tag

100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 1mM

**Buffer Formulation** EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 4.4

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

#### **SEQUENCE**

EMDKRIYLE LRNRTPSDVK ELVLDNCKSI EGKIEGLTDE FEELEFLSTI NVGLTSISNL PKLNKLKKLE LSENRISGDL EVLAEKCPNL KHLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLNA YRENVFKLLP QVMYLDGYDR DNKEAPDSDV EGYVEDDDEE DEDEEEYDEY AQLVEDEEEE DEEEEGEEED VSGEEEEDEE GYNDGEVDDE EDEEEAGEEE GSQKRKREPD DEGEEDD

#### **USAGE**

Reconstitute in ddH<sub>2</sub>O 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**

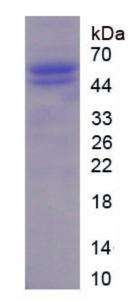


Figure. SDS-PAGE

### [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.