

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

SIPJ157Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm, Endoplasmic reticulum lumen, Chromosome
Predicted Molecular Mass	21.1kDa
Accurate Molecular Mass	21kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu2~Asp175 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

EMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI
NVGLTSIANL PKLNKLEKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI
KDLSTIEPLK KLENLKSDDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR
DDKEAPSDA EGYVEGLDDE EEDED

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

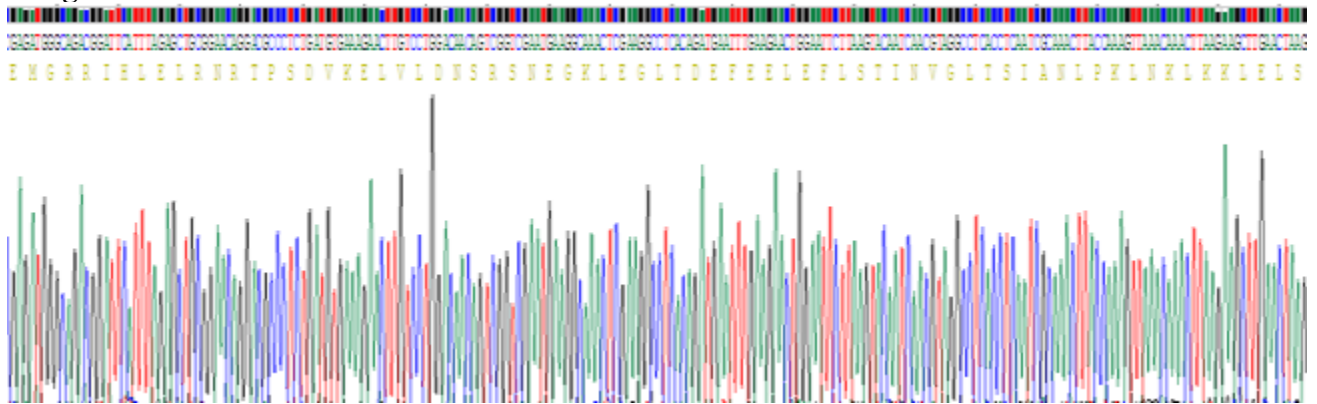


Figure. SDS-PAGE

[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.