# NKMAXBIO We support you, we believe in your research

## Recombinant human ANP32A protein

Catalog Number: ATGP0712

#### **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

1-249aa

#### **UniProt No.**

P39687

#### **NCBI Accession No.**

NP 006296

#### **Alternative Names**

Acidic leucine-rich nuclear phosphoprotein 32 family member A, Acidic leucine-rich nuclear phosphoprotein 32 family member A, I1PP2A, LANP, MAPM, PHAP1, PHAP1, PP32, Mapmodulin

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

30.7 kDa (269aa) confirmed by MALDI-TOF

## Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl, 0.1mM PMSF

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

## **Application**

SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## **BACKGROUND**

#### Description

ANP32A (acidic leucine-rich nuclear phosphoprotein 32 family member A) has been shown to interact with MAP1B, TAF1A and Protein SET. This protein Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis. Also, it plays a role in E4F1-mediated transcriptional repression. Recombinant human ANP32A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



# NKMAXBio We support you, we believe in your research

# **Recombinant human ANP32A protein**

Catalog Number: ATGP0712

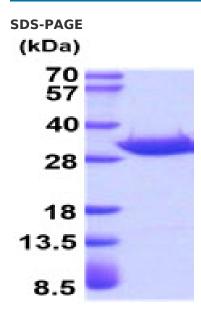
## **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLKKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPDSDA EGYVEGLDDE EEDEDEEEYD EDAQVVEDEE DEDEEEEGE EDVSGEEEED EEGYNDGEVD DEEDEEELGE EERGQKRKRE PEDEGEDDD

#### **General References**

Matilla A., et al (2005) Cerebellum 4:7-18 Bai J., et al. (2001) Oncogene 20:2153-2160

## **DATA**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

