

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, PHAPI, 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.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL
PKLNKLEKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP
QLTYLDGYDR DDKEAPSDA EGYVEGLDDE EEDEDEEEYD EDAQVVEDEE DEDEEEEGEE EDVSGEEEEE EGYNDGEVD
DEDEEEELGE EERGQKRKRE PEDEGEDDD

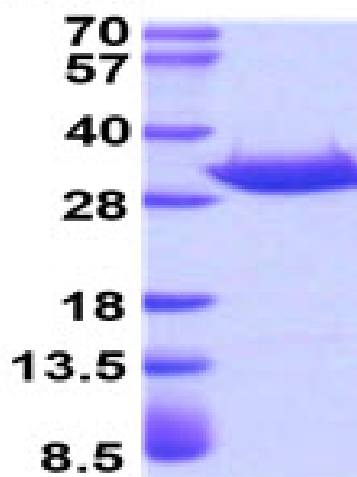
General References

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

DATA

SDS-PAGE

(kDa)



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

15% SDS-PAGE (3ug)