

Product information

ANP32A, 1-249aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0712

Full name: Acidic leucine-rich nuclear phosphoprotein 32 family, member A

NCBI Accession No.: NP_006296

Synonyms: I1PP2A, LANP, MAPM, PHAP1, PHAPI, PP32, Mapmodulin

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.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol,

1mM DTT, 100mM NaCl, 0.1mM PMSF

Molecular Weight: 30.7kDa (269aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)

(kDa)

70

57

40

28

18

13.5

8.5



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LNRTPSDVK ELVLNDSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLLKLE
LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPSDA
EGYVEGLDDE EDEDEEEYD EDAQVVEDEE DEDEEEEGEE EDVSGEEEEE EEGYNDGEVD DEDEEELGE EERGQKRKRE PEDEGEDDD

General references:

Matilla A., *et al* (2005) *Cerebellum* 4:7-18

Bai J., *et al.* (2001) *Oncogene* 20:2153-2160

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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