# **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, PHAP1, 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.

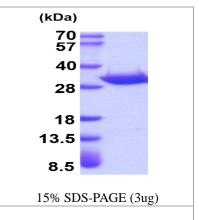
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol,

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)



### Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLKKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPDSDA EGYVEGLDDE EEDEDEEEYD EDAQVVEDEE DEDEEEEGEE 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

**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.

Email: info@ibl-america.com Web: www.ibl-america.com