

Recombinant Human ANP32A, His-tagged

Cat. No. ANP32A-2803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANP32A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 30.7kDa (269aa), confirmed by MALDI-TOF.
Species	Human
Source	E.coli
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.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLKKLE LSDNRVSGGL EVLAEKCPNL THLNLSGSKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPSDA EGYVEGLDDE EDEDEEEEYD EDAQVVEDEE DEDEEEEGEE EDVSGEEED EEGYNDGEVD DEEDEEELGE EERGQKRKRE PEDEGEDDD
Purity	> 90% by SDS – PAGE.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl, 0.1mM PMSF.

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Concentration	0.5mg/ml (determined by Bradford assay).
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.
GENE INFORMATION	
Gene Name	ANP32A acidic (leucine-rich) nuclear phosphoprotein 32 family, member A [Homo sapiens]
Synonyms	ANP32A; acidic (leucine-rich) nuclear phosphoprotein 32 family, member A; LANP; MAPM; PP32; PHAP1; PHAPI; I1PP2A; C15orf1; MGC119787; MGC150373; acidic leucine-rich nuclear phosphoprotein 32 family member A; mapmodulin; acidic nuclear phosphoprotein pp32; leucine-rich acidic nuclear protein; putative HLA-DR-associated protein I; inhibitor-1 of protein phosphatase-2A; cerebellar leucine rich acidic nuclear protein; putative human HLA class II associated protein I; potent heat-stable protein phosphatase 2A inhibitor I1PP2A; Leucine-rich acidic nuclear protein; C15orf1; Putative HLA-DR-associated protein I; Acidic nuclear phosphoprotein pp32; Lanp; Mapmodulin; Potent heat-stable protein phosphatase 2A inhibitor I1PP2A
Gene ID	8125
mRNA Refseq	NM_006305
Protein Refseq	NP_006296
MIM	600832
UniProt ID	P39687
Chromosome Location	15q22.3-q23

Function

protein binding

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