

## Recombinant Human ANP32A

**Cat. No.** ANP32A-30006TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human PHAP1 expressed in <i>Saccharomyces cerevisiae</i> ; 249 amino acids, MWt 28.6 kDa. Protein is tagged with 26 kDa proprietary tag.
<b>Species</b>	Human
<b>Tissue specificity</b>	Expressed in all tissues tested. Highly expressed in kidney and skeletal muscle, moderate levels of expression in brain, placenta and pancreas, and weakly expressed in lung. Found in all regions of the brain examined (amygdala, caudate nucleus, corpus cal
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MEMGRRIHLELRNRTPSDVKELVLDNSRSNEGKLEGLTDE FEELEFLSTINVGLTSIA NLPKLNKLLKLELSDNRVSG GLEVLAEKCPNLTHLNLSGNKIKDLSTIEPLKKLENLK SLDLFNCEVTNLNDYRENVFKLLPQLTYLDGYDRDDKEAP DSDAEGYVEGLDDEEE DEDEEYDEDAQVVEDEEDED EEEGEEEDVSGEEEEEDEEGYNDGEVDDEEDED ELGEEERG QKRKREPEDEGEDDD

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<b>Sequence Similarities</b>	Belongs to the ANP32 family. Contains 4 LRR (leucine-rich) repeats. Contains 1 LRRCT domain.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ANP32A acidic (leucine-rich) nuclear phosphoprotein 32 family, member A [ Homo sapiens ]
<b>Official Symbol</b>	ANP32A
<b>Synonyms</b>	ANP32A; acidic (leucine-rich) nuclear phosphoprotein 32 family, member A; C15orf1; acidic leucine-rich nuclear phosphoprotein 32 family member A; I1PP2A; LANP; MAPM; mapmodulin; PHAPI; PP32;
<b>Gene ID</b>	8125
<b>mRNA Refseq</b>	NM_006305
<b>Protein Refseq</b>	NP_006296
<b>MIM</b>	600832
<b>Uniprot ID</b>	P39687
<b>Chromosome Location</b>	15q23
<b>Pathway</b>	Metabolism, organism-specific biosystem; Metabolism of RNA, organism-specific biosystem; Metabolism of mRNA, organism-specific biosystem; Regulation of mRNA

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Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem;  
Stabilization of mRNA by HuR, organism-specific biosystem;

**Function**

protein binding;

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