

## ANP32A Human

**Description:** ANP32A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 269 amino acids (1-249 a.a.) and having a molecular mass of 30.7 kDa. ANP32A is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-259

For research use only.

**Synonyms:** I1PP2A, LANP, MAPM, PHAP1, Leucine-rich acidic nuclear protein, PP32, Mapmodulin.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MEMGRRIHLE LRNRTPSDVK  
ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLEKLE LSDNRVSGGL  
EVLAEKCPNL THLNLSGSKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP  
QLTYLDGYDR DDKEAPSDA EGYVEGLDDE EDEDEEEYD EDAQVVEDEE DEDEEEEGEE  
EDVSGEEEEE EE

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

ANP32A solution (0.5 mg/ml) containing 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 100 mM NaCl, 0.1 mM PMSF and 10% glycerol.

**Stability:**

ANP32A Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

ANP32A often cooperates with MAP1B, TAF1A and Protein SET. ANP32A is involved in several cellular processes, such as proliferation, differentiation, caspase-dependent and caspase-independent apoptosis. Mapmodulin takes a part in E4F1-mediated transcriptional repression.

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