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## Product Data Sheet

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Product Name: ANP32A Human  
 Cat. No.: GP22723  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	I1PP2A; LANP; MAPM; PHAP1; Leucine-rich acidic nuclear protein; PP32; Mapmodulin.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKCLKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPSDA EGYVEGLDDE EEDEDEEEYD EDAQVVEDEE DEDEEEEGEE EDVSGEEED EGYNDGEVD DEEDEEELGE EERGQKRKRE PEDEGEDDD.		
Formulation	ANP32A solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 100mM NaCl, 0.1mM PMSF and 10% glycerol.		

### Introduction

ANP32A often cooperate 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.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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proprietary chromatographic techniques.

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