

# Human ANP32A / PHAP1 (His & GST Tag) recombinant protein



Catalog Number: 502312

## General Information

### Gene Name Synonym

Acidic nuclear phosphoprotein pp32; Leucine-rich acidic nuclear protein; Mapmodulin; Potent heat-stable protein phosphatase 2A inhibitor I1PP2A; Putative HLA-DR-associated protein I

### Protein Construction

A DNA sequence encoding the of human ANP32A (NP\_006296.1) (Glu 2-Lys 238) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human ANP32A/GST chimera consists of 479 amino acids and has a calculated molecular mass of 55.4 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 10% glycerol, 1mM DTT, 0.5mM GSH

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

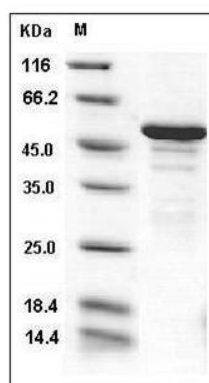
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human ANP32A / PHAP1 Protein (His & GST Tag)  
SDS-PAGE