

Recombinant Human ANP32A protein(Glu2-Lys238), His&GST-tagged

Cat. No. ANP32A-3944H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANP32A (NP_006296.1) (Glu 2-Lys 238) was expressed in E. coli, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Glu2-Lys238
Form	Lyophilized from sterile 20mM Tris, 10% glycerol, 1mM DTT, 0.5mM GSH Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ANP32A acidic (leucine-rich) nuclear phosphoprotein 32 family, member A [Homo sapiens]
Official Symbol	ANP32A
Synonyms	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; hepatopoietin Cn; 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; HPPCn; PHAP1; MGC119787; MGC150373;
Gene ID	8125
mRNA Refseq	NM_006305
Protein Refseq	NP_006296
MIM	600832
UniProt ID	P39687

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