

Recombinant Mouse Anp32e Protein, Myc/DDK-tagged

Cat. No. Anp32e-1645M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length acidic (leucine-rich) nuclear phosphoprotein 32 family, member E (Anp32e), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Histone chaperone that specifically mediates the genome-wide removal of histone H2A.Z/H2AZ1 from the nucleosome: removes H2A.Z/H2AZ1 from its normal sites of deposition, especially from enhancer and insulator regions. Not involved in deposition of H2A.Z/H2AZ1 in the nucleosome. May stabilize the evicted H2A.Z/H2AZ1-H2B dimer, thus shifting the equilibrium towards dissociation and the off-chromatin state. Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis.
Molecular Mass	30.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Anp32e acidic (leucine-rich) nuclear phosphoprotein 32 family, member E [Mus musculus (house mouse)]

Official Symbol Anp32e

Synonyms ANP32E; acidic (leucine-rich) nuclear phosphoprotein 32 family, member E; acidic leucine-rich nuclear phosphoprotein 32 family member E; LANP-like protein; cerebellar postnatal development protein 1; CPD1; LANPL; LANP-L; mLANP-L; AI047746; AI326868; 2810018A15Rik; MGC11640

Gene ID 66471

mRNA Refseq NM_023210

Protein Refseq NP_075699

UniProt ID P97822

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