

Product datasheet for TP301677M

LANPL (ANP32E) (NM_030920) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acidic (leucine-rich) nuclear phosphoprotein 32 family, member E (ANP32E), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201677 protein sequence Red=Cloning site Green=Tags(s)
	MEMKKKINLELRNRSPEEVTELVLVDNCLCVNGEIEGLNDTFKELEFLSMANVELSSLARLPSLNKLRKLE LSDNIISGGLEVLAEKCPNLTLYLNLSGNKIKDLSTVEALQNLKLNKSLDLFNCITNLEDYRESIFELLQ QITYLDGFDQEDNEAPDSEEEDEDEDGDEDEEEEEENEAGPPEGYEEEEEEEEDEDEDEDEDEAGSELG EGEEEVGLSYLMKEEIQDEEDDDDYVEEGEEEEEEEEEGGLRGEKRKRDAEDDGEEEDD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	30.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_112182
Locus ID:	81611



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UniProt ID: [Q9BTT0](#)

RefSeq Size: 3467

Cytogenetics: 1q21.2

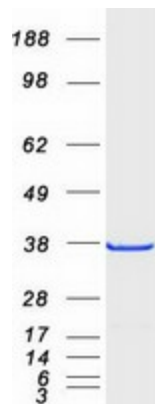
RefSeq ORF: 804

Synonyms: LANP-L; LANPL

Summary: Histone chaperone that specifically mediates the genome-wide removal of histone H2A.Z/H2AFZ from the nucleosome: removes H2A.Z/H2AFZ from its normal sites of deposition, especially from enhancer and insulator regions. Not involved in deposition of H2A.Z/H2AFZ in the nucleosome. May stabilize the evicted H2A.Z/H2AFZ-H2B dimer, thus shifting the equilibrium towards dissociation and the off-chromatin state (PubMed:24463511). Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ANP32E protein (Cat# [TP301677]). The protein was produced from HEK293T cells transfected with ANP32E cDNA clone (Cat# [RC201677]) using MegaTran 2.0 (Cat# [TT210002]).