

Product datasheet for TP301677

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, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201677 protein sequence Red=Cloning site Green=Tags(s) |
| | <p>MEMKKKINLELRNRSPEEVTELVLNCLCVNGEIEGLNDTFKELEFLSMANVELSSLARLPSLNKLRKLE LSDNIISGGLEVLAEKCPNLTYLNLSGNKIKDLSTVEALQNLKLNKSLDLFNCITNLEDYRESIFELLQ QITYLDGFDQEDNEAPDSEEEDEDEDGDEDEEEENEAGPPEGYEEEEEEEEDEDEDEDEDEAGSELG EGEEEVGLSYLMKEEIQDEEDDDDYVEEGEEEEEEEEEGGLRGEKRKRDAEDDGEEEDD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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

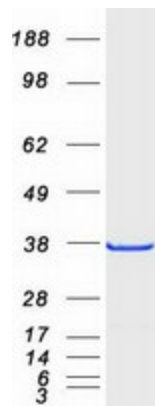
RefSeq ORF: 804

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]).