

Product datasheet for **MC202779**

Anp32e (NM_023210) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Anp32e (NM_023210) Mouse Untagged Clone
Tag: Tag Free
Symbol: Anp32e
Synonyms: 2810018A15Rik; AI047746; AI326868; CPD1; LANP-L; LANPL; mLANP-L
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC080684 sequence for NM_023210
 AGGAACTGCGGGCGCGCGTGTCTCTCCCTCACTCTCTGTGTGAAAGTGTGTGCGTGCCCGAGTG
 TCGCGCGCGGGTGTGTGGACTCGGAGGTGGGGCAGCCGAGTTAGTCCCAAGTCGTCGGACTCCATTTG
 CTATTCCTTTCTCTCTCCACACCCGTGTGGTGTAGTGGGCGTTCTGCTTTGCGTCTCTTTTCATTCATC
 TCCAGACCTTTAGAGTTTTTTTTAGGGTTGGGGATAGTGGGGAGGGCAGGCGAGGGGAAAGGAGGAGGAC
 ATGGAGATGAAGAAGAAGATTAACATGGAGTTGAAGAACAGAGCCCCGGAGGAGGTGACAGAGTTAGTCC
 TCGATAATTGCTTGTGTCAATGGGAAATCGAAGGCCTGAATGACACCTTTAAGGAACTGGAGTTTCT
 TAGCATGGCCAACGTGGAGTTGAGTTCCTTGGCCCGCTTCCAGCTTGAATAAACTCCGGAAGTTGGAA
 CTTAGTGACAATAAATTTCTGGAGGCTTGAAGTCTGGCAGAGAAATGTCCAAATCTTACCTACCTCA
 ATCTGAGTGAAAACAAAATAAAAGATCTCAGTACAGTAGAAGCGCTGCAAAATCTTAAAAATTTGAAAAG
 TCTCGACTTGTTAACTGTGAGATCACAAACCTGGAAGATTATAGAGAAAGTATTTTTGAACTGCTGCAG
 CAGATCACCTACCTGGACGGATTTCGACCAGGAGGACAACGAAGCTCCCGACTCGGAGGAGGAGGATGACG
 ACGACGAGGATGGAGATGAAGATGAGGAAGATGAGGACGAAGATGAAGCTGGCCACCGGAAGGCTATGA
 AGAGGAGGAAGATGACGATGAGGATGAAGCTGGCTCAGAAGTGGGAGAGGGAGAAGAGGAGGTGGCCCTC
 TCATACTTAATGAAAGACGAAATTCAGGATGAAGAGGACGATGATGACTACGTTGATGAAGGGGAGGAGG
 AGGAAGAAGAGGAGGAAGAGGGTCTTCGGGGAGAGAAGAGAAAGCGAGATGCTGAGGATGACGGGGAGGA
 AGACGACGATTAGACCTCCAGGACCAGGCCACCTGACACTCCTGGGCGCTGGAGAGCGATCACATTGTCT
 TTGTTTTTTATGTATGATAGCTGTCCCAGTAGGAGATGATGTGTAACTTTTTATAGGAAAAGTGTGGTT
 TTAGTATTTTGGCCTTACCATTCCGGTTAAGATTTGCTAGTCTGTTAATCATAATGTTCTTAGAAAAGAA
 TTCTCATTACCTTCCCATAGTGAATCTCTAGCACTGATTTTAGATTCTGGATTTTATAATTATGC
 TTAATGTATTAGACATTTTTAGCCATAATTAACATTGTTGCTTTTACACAGGAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023210
Insert Size: 783 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC080684 , AAH80684
RefSeq Size:	1421 bp
RefSeq ORF:	783 bp
Locus ID:	66471
UniProt ID:	P97822
Cytogenetics:	3 F2.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>