

## Product datasheet for MC200553

### Anp32e (BC005690) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Anp32e (BC005690) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Anp32e  
**Synonyms:** mLANP-L, CPD1, MGC11640, LANPL, LANP-L  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC005690  
 CTGCGGGCGCGCGTGTCTCTCTCCCTCACTCTCTCTGTGTGAAAGTGTGTGCGTGCCCGAGTGTGCGC  
 GCGCGGGTGTGTGGACTCGGAGGTGGGGCAGCCGAGTTAGTCCCAAGTCGTGCGACTCCATTTGCTATT  
 CTTTTCTTCTCTCCACACCCGTGTGGTGTAGTGGGCGTTCTGCTTTGCGTCTTTTTATTTCATCTCCAG  
 ACCTTTAGAGTTTTTTTTAGGGTTGGGGATAGTGGGAGGGCAGGCGAGGGGAAAGGAGGAGGACATGGA  
 GATGAAGAAGAAGATTAACATGGAGTTGAAGAACAGAGCCCCGGAGGAGGTGACAGAGTTAGTCTCGAT  
 AATTGCTTGTGTCAATGGGAAATCGAAGGCCTGAATGACACCTTTAAGGAACTGGAGTTTCTTAGCA  
 TGGCCAACGTGGAGTTGAGTTCCCTGGCCCGCTTCCAGCTTGAATAAACTCCGGAAGTTGGAACCTAG  
 TGACAATATAATTTCTGGAGGCTTGAAGTCTGGCAGAGAAATGTCCAAATCTTACCTACCTCAATCTG  
 AGTGAAAACAAAATAAAAGATCTCAGTACAGTAGAAGCGCTGCAAAATCTTAAAAATTTGAAAAGTCTCG  
 ACTTGTTTAACTGTGAGATCACAAACCTGGAAGATTATAGAGAAAGTATTTTTGAACTGCTGCAGCAGAT  
 CACCTACCTGGACGGATTCGACCAGGAGGACAACGAAGCTCCCGACTCGGAGGAGGAGGATGACGACGAC  
 GAGGATGGAGATGAAGATGAGGAAGATGAGGACGAAGATGAAGCTGGCCACCGGAAGGCTATGAAGAGG  
 AGGAAGATGACGATGAGGATGAAGCTGGCTCAGAAGTGGGAGAGGGAGAAGAGGAGGTGGCCCTCTCATA  
 CTTAATGAAAGACGAAATTCAGGATGAAGAGGACGATGATGACTACGTTGATGAAGGGGAGGAGGAGGAA  
 GAAGAGGAGGAAGAGGGTCTTCGGGGAGAGAAGAGAAAGCGAGATGCTGAGGATGACGGGGAGGAAGACG  
 ACGATTAGACCTCCAGGACCAGGCCACCTGACACTCCTGGGCGCTGGAGAGCGATCACATTGTCTTTGTT  
 TCTTTATGTATGATAGCTGTCCAGTAGGAGATGATGTGTAACTTTTTATAGGAAAAGTGTGGTTTTACT  
 ATTTTGGCCTTACCATTCCGGTTAAGATTTGCTAGTCTGTTAATCATAATGTTCTTAGAAAAGAATTCTC  
 ATTCATCTCCCATAGTGAATTTCTAGCACTGATTTTAGATTCTGGATTTTTATAATTCATGCTTAAT  
 GTATTAGACATTTTTAGCCATAATTAACACTGTTGCTTTTTAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC005690  
**Insert Size:** 783 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC005690</a> , <a href="#">AAH05690</a>
<b>RefSeq Size:</b>	1388 bp
<b>RefSeq ORF:</b>	783 bp
<b>Locus ID:</b>	66471
<b>Cytogenetics:</b>	3 F2.1
<b>Gene Summary:</b>	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]