

## Product datasheet for **SC322183**

### LANPL (ANP32E) (NM\_030920) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LANPL (ANP32E) (NM_030920) Human Untagged Clone
Tag:	Tag Free
Symbol:	LANPL
Synonyms:	LANP-L; LANPL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322183  
 GTCCCACTCTGGACTCCATTTGCTATTCTCTCTTTCTCCCCACACATCTGGTGG  
 TGGTAGTGGGCGTTTATATTTGCGTTTCCTTTTCATTCATTCTAAATCTCTTAAAAATTT  
 TGGGTTGGGGATTGGGGAAGGCAGGAAAGGGAAAAGGAGAGTAGTAGCTGAAGAGCAA  
 GAGGAGGACATGGAGATGAAGAAGAAGATTAACCTGGAGTTAAGGAACAGATCCCCGGAG  
 GAGGTGACAGAGTTAGTCCTTGATAAATGCCTGTGTCAATGGGGAAATTGAAGGCCTG  
 AATGATACTTTCAAAGAAGTCTGAGTATGGCTAATGTGGAAGTTCGCTG  
 GCCCGCTTCCCAGCTTAAATAAAGTTCGAAAATTGGAGCTTAGTGATAATAATTTCT  
 GGAGGCTTGGAAAGTCTGGCAGAGAAATGTCCAAATCTTACCTACCTCAATCTGAGTGA  
 AACAAAAAAAAGATCTCAGTACAGTAGAAGCTCTGAAAATCTTAAAAATTTGAAAAGT  
 CTTGACCTGTTTAACTGTGAGATCACAACTGGAAGATTATAGAGAAAGTATTTTTGAA  
 CTACTGCAGCAAATCACATACTTAGATGGATTTGATCAGGAGGATAATGAAGCGCCGGAC  
 TCTGAAGAGGAGGATGATGAGGATGGAGATGAAGATGATGAAGAGGAAGAGGAAAATGAA  
 GCTGGTCCACCGGAAGGATATGAGGAAGAGGAGGAGGAAGAGGAAGAGGAGGATGAGGAT  
 GAGGATGAAGATGAAGATGAAGCAGGTTTCAAGGATGGGAGAGGAGGAAGAGGAAAGTGGGC  
 CTCTCATACTTAATGAAAGAAGAAATTCAGGATGAAGAAGATGATGACTATGTTGAA  
 GAAGGGGAAGAAGAGGAAGAAGAGGAAGAAGGAGGTTCTTCGAGGGGAGAAGAGGAACGA  
 GATGCTGAAGACGATGGAGAGGAAGAAGATGACTAGATCATTCTAAGACCAGATTCTCTA  
 ATGTTTTCTGGGTGTGCAATAGAGTGATCACATCTTTGTTTCTTCATGTACGATAGCTATC  
 CCTACAGAAGATAATGTGTAACCTTTTTATAGGAAAAGTGTGTTTTACTATTTTTGCCTT  
 ATCATTCAAATAAGAAGTCTGTTAATGATCATATTGTATGTAGAGAAAAATTTTCA  
 TTGACTCCATTGTGGAATCCCTAGCAATTTATTTAGACTTAATTTTTTAAATTCAGC  
 TTAGTATTAGTCAATTTTAGCCATAATTAACATGATCACTTTTAAAAAAAAAAAA  
 AAAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_030920
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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="#">NM_030920.2</a> , <a href="#">NP_112182.1</a>
<b>RefSeq Size:</b>	3273 bp
<b>RefSeq ORF:</b>	807 bp
<b>Locus ID:</b>	81611
<b>UniProt ID:</b>	<a href="#">Q9BTT0</a>
<b>Cytogenetics:</b>	1q21.2
<b>Domains:</b>	LRR
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<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>