

Product datasheet for **SC328983**

LPP (NM_001167671) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LPP (NM_001167671) Human Untagged Clone
Tag:	Tag Free
Symbol:	LPP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC328983 representing NM_001167671.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCTCACCCATCTTGGCTGCCACCCAAAAGCACTGGTGAGCCCTCGGCCATGTGCCTGCACGGATG
GAGACCACCCATTCTTTGGGAACCCAGCATTTCAGTGTCTACACAACAGCCACCCAAAAGTTTGCC
CCGGTAGTTGCTCCAAAACCTAAGTACAACCCATACAAAACACCTGGAGGTGAGGGTGATTTTCTCCA
CCCCACCTCCACCTCTAGATGATTCCAGTGCCCTTCCATCTATCTCTGAAAACCTTCTCTCCACCA
CCTCTTGATGAAGAGGCTTTCAAAGTACAGGGGAATCCCGGAGGCAAGACACTTGAGGAGAGGCGCTCC
AGCCTGGACGCTGAGATTGACTCCTTGACCAGCATCTTGGCTGACCTTGAGTGCAGCTCCCCATAAG
CCTCGGCTCCACAGAGCTCCACTGGTTCAACAGCCTCTCTCCAGTTTCGACCCAGTCACAGGACAC
AAGAGAATGGTCATCCCGAACCAACCCCTCTAACAGCAACCAAGAAGTCTACATTGAAACCACAGCCT
GCACCCAGGCTGGACCCATCCCTGTGGCTCCAATCGAACACTCAAACCCAGCCTCAGCCAGTCCCA
GCCTCTACACCAGGCCTCCACTTCTTCAAGGCTACCTTTAATGTGCAGGTGAAGTCAGCCAGCCC
AGCCCTCATTATATGGCTGCCCTTTCATCAGGACAAATTTATGGCTCAGGGCCCCAGGGCTATAACT
CAGCCAGTTCTGTCTCTGGCAGTGTCCACCTCCTTCAACACGGGGAGGCATGGATTATGCCTACATT
CCACCACAGGACTTCAGCCGGAGCCTGGGTATGGGTATGCCCAACCAGGGAGCCTATTATGAAGGC
TACTATGCAGCAGGGCCAGGCTATGGGGCAGAAATGACTCTGACCTACCTATGGTCAACAAGGTCAC
CCAAATACCTGGAACCGGAACCCAGGTTACTCCTCTGGAGCAGGGAACCAAGCCCTCTGGGATG
TATCCAGTCACTGGTCCCAAGAAGACCTATATCACAGATCCTGTTTCAGCCCCCTGTGCCACCATG
CAGCCAAAGGGTGGCCATTCAGGGCAACTGGGGCCTTCGTGAGTTGCCCTTTCATCCGCCAGAGGAT
GAGCTTGAGCACCTGACCAAAAAGATGCTGTATGACATGGAAAATCCACCTGCTGACGAATACTTTGGC
CGCTGTGCTCGCTGTGGAGAAAACGTAGTTGGGAAGGTACAGGATGCACTGCCATGGATCAGGTCTTC
CACGTGGATTGTTTTACCTGCATCATCTGCAACAACAAGCTCCGAGGGCAGCCATTCTATGCTGTGAA
AAGAAAGCATACTGCGAGCCCTGTACATTAATACTCTGGAGCAGTGCAATGTGTGTTCCAAGCCATC
ATGGAGCGGATTCTCGAGCCACCGGAAGGCCTATCATCCTCACTGTTTCACCTGCGTGATGTGCCAC
CGCAGCCTGGATGGGATCCCATCTGTGGATGCTGGCGGGCTCATTCACTGCATTGAGGACTCCAC
AAGAAATTTGCCCGGATGTTCTGTGTGCAAGGAGCCTATTATGCCAGCCCCGGCCAGGAGGAGACT
GTCCGTATTGTGGCTTTGGATCGAGATTTCCATGTTCACTGCTACCGATGCGAGGATTGCGGTGGTCTC
CTGTCTGAAGGAGATAACCAAGGCTGTACCCCTTGGATGGGCACATCCTCTGCAAGACCTGCAACTCT
GCCCGCATCAGGGTGTGACCGCAAGGCGAGCACTGACCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001167671
- Insert Size:** 1839 bp
- 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).
- OTI Annotation:** 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.
- 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:

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: [NM_001167671.2](#)

RefSeq Size: 18239 bp

RefSeq ORF: 1839 bp

Locus ID: 4026

UniProt ID: [Q93052](#)

Cytogenetics: 3q27.3-q28

MW: 65.7 kDa

Gene Summary: This gene encodes a member of a subfamily of LIM domain proteins that are characterized by an N-terminal proline-rich region and three C-terminal LIM domains. The encoded protein localizes to the cell periphery in focal adhesions and may be involved in cell-cell adhesion and cell motility. This protein also shuttles through the nucleus and may function as a transcriptional co-activator. This gene is located at the junction of certain disease-related chromosomal translocations, which result in the expression of chimeric proteins that may promote tumor growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1, and encodes the longer isoform (a). Both variants 1 and 2 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.