

Product datasheet for **MC216882**

Lpp (NM_001145954) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpp (NM_001145954) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lpp
Synonyms:	9430020K16Rik; AA959454; AU024130; B130055L10Rik; C79715; D630048H16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216882 representing NM_001145954
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTACTGGGAAAGTAGGGCATGCCTGAAGAGGAGCACTGGAACACTGAAGGGCTCTGCTAGTT
 CAATAGCCTCTCCTCCAGTTTCTACTCCTGTACAGGACATAAGAGAATGGTCATTCCACAGCAGCCACC
 CCTGACAGCAACCAAGAAGTCCGCAACAAAACACAGCCTGCACCCAGGCTGCACCCATCCCAGTGACT
 CCAATTGGAACACTCAAACCCAGCCTCAGCCAGTTCCAGCCTCTATACTACGGCATCCACATCTTCAA
 GGCCACCTTTAATGTGCAAGTGAAGTCAGCTCAGCCAGCCACATTACATGGCTGGTCCATCCTCTGG
 ACAATATATGGTCCAGGGCCTCGTGGCTATAACAACCAGCCAGTTCTGTATCGGGACAGTGTCTCTCT
 CCTCCAACCTGTGTTGGTACCGACTATGCATATATTCCACCATCTGGACATCCGCCTGAGTCTGGATATG
 GGTATACCTCAAACCAAGGACGCTATTATGAACCTTACTATGCAGCAGGTCTAGCTATGGGGCCGAAG
 TGAAGGTGATACTGCTTATGGGCAACAGGTTCAACCTAATACCTGGAAGCGGGAAGCTGCGTATGCCCT
 CCTGCAAGCGGGAATCAGAACCATCCTGGCATGTATCCAGTCAGTGGCCCAAGAAGACCTATATCACAG
 ACCCTGTTTCAGCGCCCTGTGCACCACCACTGCAGCCAAAGGGTGGATACCTGGGCCTATGGGGCCTCC
 TTCCATCCCCCATCATTCCGCCAGAAGATGAGCTCGAACACTTGACCAAGAAGATGCTGTATGACATG
 GAGAACCACCCGCTGACGATTACTTTGGCCGTTGTGCCCGCTGTGGGAAAATGTTGTTGGAGAAGGAA
 CAGGATGTACTGCCATGGATCAGGTCTTCCACGTGGATTGCTTCCACCTGCATTGTCTGTGATGTCAAGCT
 CCGAGGGCAGCCTTTCTATGCCGTGGAGAAGAAGGCATGACTGCGAGCCCTGCTACATTAATACCTGGAG
 CAGTGCAGTGTGTGTTGCAAGCCCATCATGGAGCGGATCCTCCGTGCCACCGGGAAGGCCTACCACCCCT
 ACTGCTTACCTGCGTGATGTGCCACCGTAGCCTGGACGGCATCCCATTTACTGTGGATGCTTGGGCTCT
 CATTCACTGCATTGAGGACTTCCACAAGAAATTTGCCCGCGCTGTTCTGTGTGCAAGGAACCTATCATG
 CCAGCCCCAGGCCAGGAGGAGACTGTCCGATTGTGGCTCTGGACCGTATTTCCATGTGCACTGCTATC
 GCTGTGAGGACTGTGGTGGTCTTCTGTCCGAAGGAGACAACCAAGGCTGTACCCCTTGGATGGACACAT
 TCTCTGTAAGACCTGCAACTCGGCTCGCATCAGGGTCTTGACGGCAAGGCAAGCAAGCACTGACCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001145954

Insert Size: 1467 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).

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_001145954.1](#), [NP_001139426.1](#)

RefSeq Size: 14876 bp

RefSeq ORF: 1467 bp

Locus ID: 210126

UniProt ID: [Q8BFW7](#)

Cytogenetics: 16 B1

Gene Summary: May play a structural role at sites of cell adhesion in maintaining cell shape and motility. In addition to these structural functions, it may also be implicated in signaling events and activation of gene transcription. May be involved in signal transduction from cell adhesion sites to the nucleus allowing successful integration of signals arising from soluble factors and cell-cell adhesion sites. Also suggested to serve as a scaffold protein upon which distinct protein complexes are assembled in the cytoplasm and in the nucleus (By similarity). [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. This results in a shorter isoform (2) with a distinct N-terminus compared to isoform 1. 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.