

## Product datasheet for **RN215468**

### Lpp (NM\_001013864) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lpp (NM_001013864) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lpp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN215468 representing NM\_001013864  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCACCCATCTTGGCTGCCACCCAGAAGCACTGGTGAAGCTCTTGGCCATGTTCTCGCGGGATGG  
 AGACCACCCATTCTTTGGGACCCCAAGTATTTCAAGTGTCAACACAACAGCCACCCAAGAAGTTTGTCTCC  
 AGTGGTTGCTCCAAAACCAAGTATAACCCGTACAAGCAGCCCGAGGAGAGGGTGATTTTCTCCACCC  
 CCACCTCCGCCACTAGAGGATCCTGGTACCATCCCATCTGGGTCCGGGCACTTCCCTCCTCCTCCACCAT  
 TGGATGAAGGTGCTTTCATAGTGCAGCGGGGAAATCCTGGAGGCAAGACCCTGGAGGAACGGCGTCCAG  
 CTTGGATGCAGAGATCGACTCCTTGACGAGCATCTTGGCTGATTTGGAGTGCAGCTCGCCCTACAAGCCT  
 CGGGCCCCACGGGCTCTAGTAGTTCATTGCGTCTCCTCCAGTTTCTACTCCTGTCACGGGACATAAGA  
 GAATGGTCATTCCACAGCAGCCACCTCTGACAGCAACCAAGAAGTCCGCAACGAAGCCACAGGCTATACC  
 CATTCCAGTGACTCCAATTGGAACACTCAAACCGCAGCCTCAGCCAGTTCAGCCTCGTACAGCACCGCA  
 TCCACATCTTCAAGGCCCGCCTTCAATGTGCAAGTGAAGTCCGCTCAGCCAGCACACATTACATGACTG  
 GTTCATCCTCTGGACAAATGTATGGTCCAGGGTCTCGCAGCTATAACACCAACAGGTTCCCTCTGTGAGC  
 ACAGTGTCTCCTCCGACAACGTGTGCTGGCACCAGCTATGCATACATCCACCATCGGGACAACAGGCT  
 GAGTCTGGATTTGGGTACACCTCCAACCAAGGACGCTATTTTGAGCCTTTTTTTCAGCGTGGCCCTAGCT  
 ATGGGGGCAGAAATGAAGCCGATCTGCTTATGGACAACAGGTTCAACCGAATACCTGGAAGCGGGAACC  
 TGGGATGCTGCTCCTGGAGCCGAAATCAGAACCAGCCTGGCATGTATTAGTCAAGTGGTCCCAAGAAG  
 ACCTATATCACAGACCTGTTTCAGCCCCCTGTGCACCACCAGTGCAGCCAAAGGAGAGACTCGTGAAGA  
 ACCAGAAAGTCCACAGAATGTTGTTGATGATCGTGTTCATGGATTGAGGAAGAGTGGATTCCTGACCC  
 TATGGGACCTCCTTCAGTTCCTCCATCTTCCGCCCAGAAGATGAGCTCGAACACCTGACCAAGAAGATG  
 CTGTATGACATGGAATCCACCTGCTGATGATTACTTTGGCCGCTGTGCCCGCTGTGGGAAAACGTCG  
 TTGGAGAAGGGACGGGATGCACCGCCATGGACCAGGTCTTCCACGTGGATTGCTTACCTGCATGGTCTG  
 CGACATCAAGCTCCGAGGACAGCCTTCTATGCCGTGGAGAAGAAGGCGTACTGCGAGCCCTGCTACATC  
 AATACGCTGGAGCAGTGCAGTGTGTGTTCTAAGCCAATCATGGAGCGGATCCTCCGTGCCACCGGGAAGG  
 CATAACCACCCCACTGCTTACCTGCGTGTGTCACCACCGCAGCCTGGATGGCATCCCGTTTACCGTAGA  
 CGCATGCGGTCTCATTACTGCATTGAGGACTTCCACAAGAAATTTGCCCGCGTGTCTGTGTGCAAG  
 GAACCTATCATGCCAGCCCCAGGCCAGGAGGAGACCGTCCGATTTGGTCTGTGACCGTGTATTTCCATG  
 TGCACTGCTACCCTGTGAGGACTGTGGTGGTCTTCTATCCGAAGGAGACAACCAAGGCTGTACCCCTT  
 GGATGGGCACATCCTCTGTAAGAGCTGCAACTCGGCCCGCATCAGGGTCTTGACGGCCAAGGCGAGCACT  
 GACCTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001013864

**Insert Size:** 1899 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\\_001013864.1](#), [NP\\_001013886.1](#)

**RefSeq Size:** 2240 bp

**RefSeq ORF:** 1899 bp

**Locus ID:** 288010

**UniProt ID:** [Q5XI07](#)

**Cytogenetics:** 11q23

**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. 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]