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Product datasheet for MC219751

Lpp (NM_001145952) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpp (NM_001145952) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lpp
Synonyms:	9430020K16Rik; AA959454; AU024130; B130055L10Rik; C79715; D630048H16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219751 representing NM_001145952
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCACCCATCTTGGCTGCCACCCAAAAGCACTGGTGAGCCTCTTGGCCACGTGCCTGCACGGATGG
AGACCACCCATTCTTTTGGGAACCCCAGTATCTCAGTGTCAACACAACAGCCACCCAAGAAGTATGCTCC
AGTTGTTGCTCCGAAACCCAAGTATAACCCATACAAGCAGCCTGGAGGAGAGGGTGATCTTCTCCCACCG
CCACCACCACCTCTAGAGGATCCTGGTACCATCCCACCTGGTCCCGGACACTTCCCTCCTCCTCCACCAC
TGGATGAAGGGGCTTTCAAAGTGCAGCAGGGAAATCCTGGAGGCAAGACCCTGGAGGAAAGGCGCTCTAG
TCTAGATGCAGAGATCGACTCCTTGACCAGCATCTTGGCTGATTTGGAGTGCAGCTCACCCTACAAGCCA
CGTCCCCCACAGGGCTCTGCTAGTTCAATAGCCTCTCCTCCAGTTTCTACTCCTGTCACAGGACATAAGA
GAATGGTCATTCCACAGCAGCCACCCCTGACAGCAACCAAGAAGTCCGCAACAAAACCACAGCCTGCACC
CCAGGCTGCACCCATCCCAGTGACTCCAATTGGAACACTCAAACCCCAGCCTCAGCCAGTTCCAGCCTCC
TATACTACGGCATCCACATCTTCAAGGCCCACCTTTAATGTGCAAGTGAAGTCAGCTCAGCCCAGCCCAC
ATTACATGGCTGGTCCATCCTCTGGACAAATATATGGTCCAGGGCCTCGTGGCTATAACAACCAGCCAGT
TCCTGTATCGGGACAGTGTCCTCCTCCTCCAACCTGTGTTGGTACCGACTATGCATATATTCCACCATCT
GGACATCCGCCTGAGTCTGGATATGGGTATACCTCCAACCAAGGACGCTATTATGAACCTTACTATGCAG
CAGGTCCTAGCTATGGGGGCCGAAGTGAAGGTGATACTGCTTATGGGCAACAGGTTCAACCTAATACCTG
GAAGCGGGAAGCTGCGTATGCCCCTCCTGCAAGCGGGAATCAGAACCATCCTGGCATGTATCCAGTCAGT
GGCCCCAAGAAGACCTATATCACAGACCCTGTTTCAGCGCCCTGTGCACCACCACTGCAGCCAAAGGGTG
GATACCCTGGGCCTATGGGGCCTCCTTCCATCCCCCCATCATTCCGCCCAGAAGATGAGCTCGAACACTT
GACCAAGAAGATGCTGTATGACATGGAGAACCCACCCGCTGACGATTACTTTGGCCGTTGTGCCCGCTGT
GGGGAAAATGTTGTTGGAGAAGGAACAGGATGTACTGCCATGGATCAGGTCTTCCACGTGGATTGCTTCA
CCTGCATTGTCTGTGATGTCAAGCTCCGAGGGCAGCCTTTCTATGCCGTGGAGAAGAAGGCATACTGCGA
GCCCTGCTACATTAATACCCTGGAGCAGTGCAGTGTGTGTTCGAAGCCCATCATGGAGCGGATCCTCCGT
GCCACCGGGAAGGCCTACCACCCCCACTGCTTCACCTGCGTGATGTGCCACCGTAGCCTGGACGGCATCC
CATTTACTGTGGATGCTTGCGGTCTCATTCACTGCATTGAGGACTTCCACAAGAAATTTGCCCCGCGCTG
TTCTGTGTGCAAGGAACCTATCATGCCAGCCCCAGGCCAGGAGGAGACTGTCCGCATTGTGGCTCTGGAC
CGTGATTTCCATGTGCACTGCTATCGCTGTGAGGACTGTGGTGGTCTTCTGTCCGAAGGAGACAACCAAG
GCTGCTACCCCTTGGATGGACACATTCTCTGTAAGACCTGCAACTCGGCTCGCATCAGGGTCTTGACGGC
CAAGGCAAGCACTGACCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001145952

Insert Size: 1842 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).

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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_001145952.1, NP_001139424.1
RefSeq Size:	15462 bp
RefSeq ORF:	1842 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 (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same 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.

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