

Product datasheet for **MC217803**

Lmbr1 (BC016110) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmbr1 (BC016110) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lmbr1
Synonyms:	1110048D14Rik; AU017641
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016110
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGGGCAGGACGAGGTGTGCGCGCGGGAGCAGCACTTCCACAGCCAAGTGCAGAGTCCACGATAT
 GTTTTCTTCTCTTTGCCATTCTCTACATCGTTTCTACTTCATCATTATAAGATACAAGAGAAAATCCGA
 TGAACAAGAAGATGAGGATGCTGTAGTCAACAGGATATCGTTGTTTCTGAGCACCTTCACCTAGCCGTG
 TCAGCTGGCGCGGTTTGTCTTTACCCTTCTCAATCATCAGCAATGAGATCCTGCTTGCTTTTCTCACA
 ACTACTATATTCAGTGGCTGAATGGCTCCCTCATCCACGAAGTTTTGCAGGCCTGAAAAAGGGAATCCG
 AGCCCGCATTTTGAAACTCTGGTTATGCTGCTGCTTCTTGCGTTGCTGATTCTTGGGATGGTGTGGGTG
 GCTTCCGCCCTGATTGACAGTGATGCTGCCAGTATGGAGTCTTTATATGATCTCTGGGAATTCTACTTGC
 CCTATTTGTATTCTTGCAATTCGCTGATGGGATGCTTGCTGCTTCTCTTGTTACTCCAGTTGGCCTGTC
 CCGTATGTTACAGTCATGGGTCAGTTGCTGGTGAAGCCAGCGATTCTTGAAGACCTGGATGAACAAATT
 TATATGATTACTCTAGAAGAAGAAGCACTCCAGAGAAGACTACATGGGCTATCTTCATCGGTGGAGTACA
 ATGTAATGGAATTGGAGCAAGAAGCTTGAGAATGTAAGATCCTTAAGACAAAATTAGAGAGGAGGAAAAA
 GGCTTCAGCTTGGGAGAGAAATTTGGTGTATCCTGCTGTTATGGTTCTCCTTCTTATTGAAACATCCATT
 TCAGTCTCCTGGTGGCGTGCAATTTCTTGCTGCTGGTTGATGAGACTGCAATGCCAAAGGGAACAA
 GGGGCCCGGCATAGGAAGTGCCTCTCTTTCCACTTTTGCTTTGTTGGGAGCTGCACTTGAATCATTCT
 GATTTTCTATCTCATGGTGTCTTCTGTTGTTGGTTTCTATAGCCTCAGATTTTTTGAAACTTTACACCC
 AAGAAGGATGACACAATATGACAAAGATCATTGGGAATTGTGTGTCAATCTTAGTCTTGAGCTCTGCTT
 TGCCTGTGATGTCCAGAACTGGAATCACTAGATTCGATCTACTTGGAGACTTTGGAAGATTTAATTG
 GCTGGGAAATTTCTATATTGTATTATCCTACAATTTACTCTTCGCCATCATGACAACATTGTGTTTGATC
 AGAAAAATTCATCAGCAGTACGAGAAGAACTTTCAAGGCCCTAGGACTTCACAACTTCACTTGTGAG
 ATACCTCAAGGGATTAGAACTACAAAGCCTTCTGCAATGGGCATCAGAAAGCACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC016110

Insert Size: 1392 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC016110 , AAH16110
RefSeq Size:	2134 bp
RefSeq ORF:	1391 bp
Locus ID:	56873
Cytogenetics:	5 14.81 cM
Gene Summary:	This gene encodes a member of the LMBR1-like membrane protein family. Another member of this protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, cis-acting regulatory module for the sonic hedgehog gene is located within an intron of this gene. Consequently, disruption of this genic region can alter sonic hedgehog expression and affect limb patterning, but it is not known if this gene functions directly in limb development. [provided by RefSeq, Jul 2008]