

Product datasheet for **MC205846**

Lmbrd1 (NM_026719) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmbrd1 (NM_026719) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lmbrd1
Synonyms:	0910001K20Rik; AV347960
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031902
 CCCACCCCTTTGGGCTTATCCGGACCGGAAGCGAAGATGGCGGCGGCGGCGCCGAGCTGGTGATCGGCT
 GGTGCATCTTCGGCCTCTTGCTCCTGGCTATTTTGGCCTTTTGTCTGGGTCTACGTTTCGGAAGTACCAGAG
 TCAGCGGAAAGTGAGGTCGTCTCCACTGTGACAGCCATTTTTCTACTGGCTGTTGCTCTGATCACATCA
 GCACTGCTGCCGGTGGATATATTTTTGGTTTCTTACATGAAAAATCAAAATGGCACATTCAGGACTGGG
 CTGACGCCAATGTCACCGTACAGATTGAGAATACCGTTCTGTATGGCTACTATACTCTGTATTCTGTCTAT
 TCTCTTGTGTGTTCTTCTGGATCCCCTTTGTGTACTTCTACTACGAAGAGAAGGATGAGGACGACGCC
 AGCAAATGCACCCAAATTAACGCGCTCAAGTACACTTTGGGATTTGTTGTGATCTGCGCTCTGCTGC
 TTCTCGTTGGTGCCCTTTGTGCCTCTGCATCTGCCCAACAACAACAACTCAACAGAGTGGGAAAAGGTGAA
 GCTCCTGTTTGAAGACCTTGGAAGTGGTCAAGGCTGGCAGCTCTGTCCTTTTCCATCAGCTCTCTGACC
 TTGATTGGGATGCTGGCGCCATAACCTACACAGCGTACGGCATGTCGGCATTACCTTTAAACCTAATCA
 AAGGCACTAGAAGCACTGCCTACGAGCGCTGGAGAACACGGAGGACATCGAGGAAGTGGAGCAGCACAT
 TCAGACGATTCGATCCAAGAGCAAAGATGGTCGACCTTTGCCAGCGAGGGATAGACGTGCCTTAAAGCAA
 TGTGAAGAAAGACTAAGAACGCTTAGGAAAAGAGAGCGGCACTTGAATTCATTGAAAACAGCTGGTGA
 CGAAATTTTGTGGTGCCTGCGCCCCCTGAAGATCATTTGGGGAATTTTTTTCATCCTCGTTGCGTTGCT
 GTTTGTAATTTCTCTCTTCTGTCAAATTTGGATAAAGCTCTTCAATTCAGCAGGAATAGATTCGGGTTTC
 ATCATCTTCGGAATAACCTGAGCAATCCACTGAACATGCTTTTGCCGTTGTTACAAACAGTGTTCCTC
 TTGATTACATTCTTATAACAATTATTATGTACTTTATTTTTACTTCGATGGCAGGAATTCGAAACAT
 TGGCATTGGTCTTTTGGATTAGGTTATATAAAATCAGAAGAGGGCGAACCCAGGCTCAGGCACTCTTA
 TTTCTCTGCATGATCCTCCTGCTCATTGTCCTTCATACCAGCTACATGATCTACAGTCTCGCGCCTCAGT
 ACGTGATGTACGGAAGCCAGAATTACTTAATAGAGAGCAATATAAATTCTGATGCCATAAAGGCAATTC
 AACCTCGCTGCGCAAAAAGATGTGACGCAGATGCCCTAAAGATCAGTGTACTGTTACCCGAACATAC
 ATTTTCTCCACAAGTTCTGGTTCTTCAGTGTGCATACTATTTTGGTAACTGGGCTTTTCTCGTGGTGT
 TCTTGATCGGATTAATTGTATCCTGCTGTAAGGGAAGAAGTCAGTCATAGAAGGAGTGGATGAAGATTC
 GGACTTAAGTGATGATGAGCCGCTGCCTACTCTGCGTGAACGGCCTTCTGCTTAAGGGCTTAATGAAG
 CTGGCTGAATATCTATTATGCGTTTTCAAAGTTTAAAGTAAACATTAATAAAGAACTGTCTAGCTTTCATC
 AAAAATGAGAGCATGGCCATAAAAAGTACTATATTTTTATGTTTCTGAAAGTAGCATTATTGTATCAT
 AGATTAACATTTAAAATTGCTATAATACTGTGTAATAACAGAGTTCCAGGTTTGTGAGGGAATGTTTGT
 GGAAATTTCTTTATTGTAATAAGTGTAAATTTATTAATAATCTTACACAATAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: NM_026719

Insert Size: 1614 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: [BC031902](#), [AAH31902](#)

RefSeq Size: 1959 bp

RefSeq ORF: 1614 bp

Locus ID: 68421

UniProt ID: [Q8K0B2](#)

Cytogenetics: 1 A5

Gene Summary: Probable lysosomal cobalamin transporter. Required to export cobalamin from lysosomes allowing its conversion to cofactors (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).