

Product datasheet for **MC218686**

Lmbrd2 (BC095971) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Lmbrd2 (BC095971) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lmbrd2 |
| Synonyms: | 9930036E21Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC095971
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGGTGGCCTTTAGGACTTGAGATTGTTTTGTCTTTTTCTGGCATTGTTCTCTGCATCGCT
 ATGGAGACTTTAAGAAACAGCACAGACTGGTAATCATCGGCACACTGCTTGCTTGGTATCTCTGCTTTCT
 CATTGTCTTCATACTGCCGCTGGATGTCAGTACGACAATATAACCGATGCAGGCATGCTGCTGCAAA
 TCCAGCCCTCCTGAAAATACCAACGTTACGGGACTGGATGCATCTGCTACTCCAGCTCCAAGACAGCATC
 CATGTTTCAAGCCGTGGAGTTACATTCCAGATGGAATCATGCCAATTTCTGGAGGGTAGTTTATTGGAC
 ATCACAGTTTTTGACGTGGATCCTGTTACCTTTTATGCAGTCATATGCAAGATCTGGAGGTTTCTCCATC
 ACCGGCAAGATCAAAACAGCCCTGATTGAGAATGCCATCTATTACGGCACTTACTTGCTGATTTGGAG
 CATTTCTGATTTACGTAGCTGTAACCCACGTTTGCATTTAGAATGGAACCAACTCAGACGATTGGGAT
 AGCTGCTGCCAACACATGGGGTCTGTTTCTCCTTGTTATTATTGGGGTATGGATTGGTGGAAATTCCT
 CGGTCATACTGGAATGGAGCCAAAAGGGTTATCTTCTTATGAAGACTTACTTTAAGGCAGCCAAAATGA
 TGACAGAGAAGGCAGATGCAGAAGAGAATTTGGAGGATGTAATGGAGGAGTTTCGTAAGTAAATGAGAG
 CATCAAGTACAACCACCCACTGAGGAAGTGTGTAGACACAATACTTAAAAAGTGCCTACAGATTATCAG
 GAAAAGATGGGTAGGAATATGGATGACTATGAAGATTTTACGAAAAGCGCAATACCTACCCAAGTGAAA
 AAAGTTTGGTAAAATTGCATAAACAGGTGATTTATTAGTTCAAAGGCACCGTCGGACTCAAGTGAATG
 GCAGATTTCTTTGGAACAGGCATTTCTATCTAGAAGATGTAGCAAAAAATGAAACTAGCGCAACTCACCAG
 TTTGTTACACCTTTTCAGTCACCTGAGCCAGAAAATCGATTTATCCAATATTTTTATAATCCTACTGTTG
 TATTCATACAGCTGGCAGAAAAGAACATAACAATTTACATTTATATTGAGATTGCTTGCTTCCCTTCCATCTT
 CTCTTAAGCATCTGTGTTTACTCTACTGTGTTTCAGGATCCGCGTGTAACTACTACTACCTGGCCTCA
 CACCATCAGACCGATGCTTATAGCCTTCTGTTTCAGTGGCATGTTATTTGCGGTTTGACTCCTCCTTTAT
 GTCTTAACTTCTTGGGATTGACCCATATGGATTCCATCTCCCACCAGAATACCCAGCCAACCTGCATA
 TACATCTATCATGGGTTCCATGAAAGTTTTATCCTTTATTGCAGATGGATTCTATATATATTATCCTATG
 TTGGTAGTAATTCTCTGCATCGCTACGTATTTTAGTTTGGGCACCCGTTGTTTGAATCTGCTTGGTTTCC
 AGCAGTTCATGGGAGATAATGATATGACATCAGATCTAGTTGATGAAGGAAAAGAATTAATCAGACGAGA
 GAAAAGAAAAGGCAAAGACAAGAGGAAGGTGAAAATAGAAGAAGAGAGTGAAAGAACGTTATGGACAC
 AACAGAGAGGATTCCACTCGGAACAGAAACGTCCATCCTGACCCAAAGAGTCAAATTTCTCAGACACGA
 CTACCAACTGGTCATCCAATACACCAGGGCTAATAACAGGACTGAAAGAGACCGAATAGAACTTCTCCA
 GGATGCTGAGCCTCTGGATTTTAAATGCAGAAACGTTTACGGATGAATCTCTGGAACCTGAGTCAGGAAGG
 TATCAACCTGGTGGGCGATATCTCTCCATGTCTTCCAGTATAATATTTGAAGATATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC095971

Insert Size: 1950 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: [BC095971](#), [AAH95971](#)

RefSeq Size: 3235 bp

RefSeq ORF: 1949 bp

Locus ID: 320506

Cytogenetics: 15 A1

Gene Summary: Recruited to ligand-activated beta-2 adrenergic receptor/ADRB2, it negatively regulates the adrenergic receptor signaling pathway. May also regulate other G-protein coupled receptors including type-1 angiotensin II receptor/AGTR1.[UniProtKB/Swiss-Prot Function]