

## Product datasheet for **MC226631**

### Lbhd1 (NM\_001286103) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Lbhd1 (NM_001286103) Mouse Untagged Clone  |
| Tag:                      | Tag Free   |
| Symbol:                   | Lbhd1  |
| Synonyms:                 | Gm21743  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >MC226631 representing NM_001286103<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCCTTGTGCCAGAGAGTAGCAAGGATGGATCTTGGTCTGGAGATAACCCAGACTCTCCATGGCATC  
CAGAAAGTCTCAGTTGGCCAACCCCTTTCAAAAACAGAGAAGAGACTGGCAGATGTGAAGATCATCA  
GGATGTTGAGGTGTCTCAAAGCCCCGCTGCCCTCTATTGTGGTAGAGGCCTCAGAGGGGAGTGAGGAA  
GACCAGGAAGACCACCAGTGGCCACATGAGGAGTTGCTGGTCTCACTGATGGTGAAGAAGACGCAGAAG  
CTTTCTCCAGGATCAAAGTGAAGAGCCAGGTTGGCCTGGATCCACAGGATCCACATCTCCTTTAAG  
AACAAATAACCTGGACTTGGCTGGGGTCAAGAACAAGATGCCTTCTGGATTCTGAAGATACAGAGGGT  
CAGGAACTCCCAATCTCTGTCTCTTTGGGACCAACAGGGTCTGCATCTATAGAACACGATTTATGG  
AATATCCCATTTCCACCTCTCAGTACTTTTGGGGGAGCTGAAGAAGAAGTTGTTCAAGCGCCGAGGG  
TATTAAGCAGGGATCGGCGACGGAAACGCCAGGTGGTCCGGGGCTGTGATAGACGAAGGGCTGACTACGAA  
GCACCACCTCAAGAAGCGGGCGTCCAGTGCTCGTGCCAACATCACGCTGTCTGGGAAGAAGCGCAGGAAA  
CTCTTGACGAGATCCGACTTGCCAGAAAAGAAAAGCAGCCATGGAAGTGAAGCCCCCTCAAGTCAA  
CCAGGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | Sgfl-MluI    |
| ACCN:              | NM_001286103 |
| Insert Size:       | 780 bp       |



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|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_001286103.1, NP_001273032.1</u>   |
| <b>RefSeq Size:</b>           | 1150 bp   |
| <b>RefSeq ORF:</b>            | 780 bp  |
| <b>Locus ID:</b>              | 102308570   |
| <b>Cytogenetics:</b>          | 19  |
| <b>Gene Summary:</b>          | This gene shares three exons in common with another gene, the RIKEN cDNA 1810009A15 gene (GeneID:66276), but the encoded protein uses a reading frame that is different from that of the RIKEN cDNA 1810009A15 gene. [provided by RefSeq, Nov 2017]   |