**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for MC216900

## Mb21d2 (NM_177718) Mouse Untagged Clone

### Product data:

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|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Mb21d2 (NM_177718) Mouse Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Mb21d2 |
| **Synonyms:** | 1600021P15Rik; A430031N04; C87006 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

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**Fully Sequenced ORF:**

>MC216900 representing NM_177718
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGATGGCGGCTCCCACCGCCAGCAAGGCAGCCTCCCTGGGCTGCAACAACAAGCCTGCCTTCCCGG
AGCTGGATTTCAGGTCTGGAGCTCGGGTGGAGGAACTGAACAAACTCATCCAGGAATTCACCAGGCACGA
CCAGCGGGAATACGACGACCAGAGAGCGCTGGAGATCCACACTGCCAAGGATTTCATCTTTTCCATGCTG
GGAATGGTGCAAAAGCTAGATCAAAAACTTCCCGTGGCCAACGAGTATCTGTTGCTCTCCGGAGGAGTCC
GGGAAGGTGTGGTGGACCTGGACCTAGATGAGTTAAACGTCTATGCCCGGGGCACTGACTACGATATGGA
CTTTACCCTTCTGGTGCCCGCCCTTAAGCTGCATGACCGTAACCAGCCTGTGACGCTCGATATGCGCCAC
TCAGCCCTGTGCCACTCCTGGCTGAGCCTCAGGCTCTTTGATGAGGGGACAATCAGTAAATGGAAAGGTT
GCTGCACAATCGCCGATCACATCAACGGTGCCACCAACTACTTCTTCTCCCCCACCAAAGTGGCTGACTG
GTTCTATGACTCCATCAGCATCGTCCTCTCGGAGATACAGAAGAAACCCCAGAGAGGGATGCCGAAGGTG
GAGAAGGTAGAGAAGAACGGTACCATCATCTCCATCATTCTGGGCGTGGGGAGCAGCCGCATGTTGTACG
ACATCGTCCCCGTGGTGTCCTTCAAAGGCTGGCCCGCGGTGGCTCAGAGCTGGCTCATGGAGAACCACTT
TTGGGATGGGAAGATCACCGAAGAAGAGGTCATCAGTGGCTTCTACCTGGTGCCAGCTTGCTCCTACAAA
GGCAAGAAGGACAATGAGTGGCGACTGTCCTTCGCCAGGAGCGAGGTACAACTGAAGAAGTGCATTTCAG
GCAGTCTAATGCAGGCCTACCAAGCCTGCAAAGCCATCATCATCAAACTCCTGTCGAGGCCCAAGGCCAT
CAGCCCTTATCACCTGCGGAGCATGATGCTCTGGGCCTGTGATCGACTCCCTGCCAGCTACTTGGCTCAA
GAAGACTATGCAGCCCACTTTTTGCTGGGCCTCATTGACGACCTGCAGCACTGCCTGGTCAACAAGATGT
GCCCTAATTATTTCATCCCTCAGTGCAACATGCTGGAGCATCTGTCAGAGGAGACAGTCATGCTCCACGC
CCGGAAGCTCTCCTCGGTTCGCTCCGATCCCGCAGAGCACCTGCGCACCGCCATTGAGCACGTGAAGGCA
GCCAATCGGCTGACGCTGAAGCTCCAGCGTCGGGGCAGCACCACCAGCATCCCCTCCCCACAGTCGGATG
GCGGGGACCCCAATCAGCCTGATGACCGTCTGGCAAAAAAACTGCAGCAGCTAGTGACTGAGAATCCAGG
GAAGTCCATCTCGGTCTTTATTAACCCCGATGACGTCACGAGGCCCCATTTCAGAATCGATGATAAATTT
TTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_177718

**Insert Size:** 1476 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_177718.3, NP_808386.2 |
| **RefSeq Size:** | 3080 bp |
| **RefSeq ORF:** | 1476 bp |
| **Locus ID:** | 239796 |
| **Cytogenetics:** | 16 B2 |

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