

Product datasheet for **MC216900**

Mb21d2 (NM_177718) Mouse Untagged Clone

Product data:

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



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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGATGGCGCTCCCACCGCCAGCAAGGCAGCCTCCCTGGGCTGCAACAACAAGCCTGCCTTCCCGG
AGCTGGATTTTCAGGTCTGGAGCTCGGGTGGAGGAAGTGAACAAACTCATCCAGGAATTCACCAGGCACGA
CCAGCGGGAATACGACGACCAGAGAGCGCTGGAGATCCCACTGCCAAGGATTTTCATCTTTTCCATGCTG
GGAATGGTGCAAAAGCTAGATCAAAAATTCCCGTGGCCAACGAGTATCTGTTGCTCTCCGGAGGAGTCC
GGGAAGGTGTGGTGGACCTGGACCTAGATGAGTTAAACGTCTATGCCCGGGGCACTGACTACGATATGGA
CTTTACCCTTCTGGTGCCCGCCCTTAAGCTGCATGACCGTAACCAGCCTGTGACGCTCGATATGCGCCAC
TCAGCCCTGTGCCACTCCTGGCTGAGCCTCAGGCTCTTTGATGAGGGGACAATCAGTAAATGAAAGGTT
GCTGCACAATCGCCGATCACATCAACGGTGCCACCAACTACTTCTTCTCCCCACCAAAGTGCTGACTG
GTTCTATGACTCCATCAGCATCGTCCTCTCGGAGATACAGAAGAAACCCAGAGAGGGATGCCGAAGGTG
GAGAAGGTAGAGAAGAACGGTACCATCATCTCCATCATTCTGGCGTGGGAGCAGCCGATGTTGTACG
ACATCGTCCCCGTGGTGTCTTCAAAGGCTGGCCCGGGTGGCTCAGAGCTGGCTCATGGAGAACCCTT
TTGGGATGGGAAGATCACCGAAGAAGAGGTTCATCAGTGGCTTCTACCTGGTGGCAGCTTGCTCCTACAAA
GGCAAGAAGGACAATGAGTGGCGACTGTCTTCGCCAGGAGCGAGGTACAACGAAGAAGTGCATTTTCAG
GCAGTCTAATGCAGGCCACCAAGCCTGCAAAGCCATCATCATCAAACCTCTGTGAGGCCCAAGGCCAT
CAGCCCTTATCACCTGCGGAGCATGATGCTCTGGGCTGTGATCGACTCCCTGCCAGCTACTTGGCTCAA
GAAGACTATGCAGCCCACTTTTGTGGCCTCATTGACGACCTGCAGCACTGCCTGGTCAACAAGATGT
GCCCTAATTATTCATCCCTCAGTGCAACATGCTGGAGCATCTGTCAGAGGAGACAGTCACTGCCACGC
CCGGAAGCTCTCCTCGGTTTCGCTCCGATCCCGCAGAGCACCTGCGCACCGCCATTGAGCACGTGAAGGCA
GCCAATCGGCTGACGCTGAAGCTCCAGCGTCCGGGCGAGCACCACCAGCATCCCCTCCCCACAGTCCGATG
GCGGGGACCCCAATCAGCCTGATGACCGCTGCGCAAAAAAAGTGCAGCAGCTAGTACTGAGAATCCAGG
GAAGTCCATCTCGGTCTTTATTAACCCCGATGACGTCACGAGGCCCATTTTCAGAATCGATGATAAATTT
TTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

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).

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: [NM_177718.3](#), [NP_808386.2](#)

RefSeq Size: 3080 bp

RefSeq ORF: 1476 bp

Locus ID: 239796

Cytogenetics: 16 B2