

Product datasheet for **MC218901**

Mon1b (NM_001048143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mon1b (NM_001048143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mon1b
Synonyms:	5031407H10; 5033413H12Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218901 representing NM_001048143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCCGGAGGAGATAATGTCTGCCAGCCCCGGGGCGTGGAGGACTTGGTGACACGCAGTTCC
 CCAGAGAGGAGGCTGGAGACAGTAAAAGGGTTCACGCAAGCACGCTGGATCCCGGAGATGGGGACCCGGA
 GGACACAGGATCCAAGGACCAGCCATCCAGCCTCTATCACCTCTGCCTCAGACTGAGGCTGCATCAAGC
 ACCTGTGAGCACTGGGAACTGCAGCAGCCTCAGACAGCAGCCCCCGGAGAACCTGAGAGTAACTCTG
 AGGGTCAGGGAGAAGACCCGACGATGGGGGGACCCAGTGACGAGGACTGGCGCAGCCAGCGGAAGCA
 CGTGTTCGTGCTGAGTGAGGCAGGCAAGCCATCTACTCACGGTACGGTAGCGTGGAGGCACTGTCGGCC
 ACCATGGGGGTGATGACAGCCCTGGTGTCTTTGTGCAGAGTGCAGGAGACGCCATCCGTGCCATCTATG
 CTGAGGATCACAAGCTGGTGTCTGCAGCAGGCTCCACTCCTGCTCGTGGCTGTGTCCCGGACTCCACA
 GTCTGCAGCACAGCTACGAGGTGAAGTCTGTGTACACGCCAAATTTGTGAGCACACTAACCGCTGCA
 AGCGTGGCCCGCATCTTCGCACATAAGCAGAATATGACTCCGTCGCCTGTTGGCCGGCTCAGAGCGCA
 CACTGGACCGGCTCTTGACAGTGTGGAGCAAGACCCGGGCGCCCTGCTCCTGGGCGCTGTGCGCTGTGT
 GCCTCTGGCCCGTCCACTGCGGGATGCCCTGGGCACACTACTGCGGCGCTGTACAGCCCCAGGCCTGGCC
 TTGTCACTGCTGGCTGTTGGCGGTCGACTGATAACCGTGGCCAGGAGAGGAATGTGCTGGCGGAGTGCC
 GGCTGGACCCTGCTGATCTACAGTTGCTGCTTGACTGGGTGGGTGCACCAGCCTTCGCGGCAGGTGAAGC
 ATGGGCACCTGTGTGCCTGCCTCGCTTTAACCCAGATGGTTTCTTCTATGCCTATGTGGCCCGCTGGAT
 TCCATGCCCGTCTGCCTGCTGCTGGTACCAACCGTGAAGCCTTCCATGCCATGGCCGCTGCCGGC
 GCCTTGAAGATGGGATGCACAACCTTGGTGCCTGGTACTCTTGGGGAGGCTGCCAACTTCTAA
 TGGCCACAGCCAGTGCAGCCAGCCTACAGTGTGCAGGCTGTGGGAGCCCTGGCCTCCGGCATTCTCTC
 TATAAGCCACTGGATATCCCTGAACAACACCGCCAGCTGCCACAGTTTACCAGTCCCAGCTAGAGGCC
 CATAACAGAGAGGAAGAGCGACAGCGACTGTGAGACTTGTATCACCGCCTGCATGCTCGCCTCCACAG
 CACCTCCCGGCCCTGCGCCTCATTTACCACGTGGCTGAGAAAGAGACGCTGCTGGCTTGGGTGACTTCC
 AAGTTTGAAGTCTATACTTGCCTCAGCCCCCTGGTAACCAAGGCTGGTGCATCTTAGTAGTGACGAAGC
 TCTTGCCTGGGTAAAGGAAGGAAGAGGACCGGCTTTTCATCCGTTACCCACCAAATACTCCACACCCCC
 ATCCACCTCGGCGGACCAGGCCCAACAATGGCTTGTTCACAGGACT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001048143

Insert Size: 1662 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_001048143.2](#), [NP_001041608.1](#)

RefSeq Size: 4857 bp

RefSeq ORF: 1662 bp

Locus ID: 270096

UniProt ID: [Q8BMQ8](#)

Cytogenetics: 8 E1