

Product datasheet for MC223199

Man2b1 (NM_010764) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Man2b1 (NM_010764) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Man2b1
Synonyms:	AW107687; LAMAN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223199 representing NM_010764 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCACCGGACCGCTCACCTCTGGTGTCCGTGCTGGTGGCGGGAACACCGGGTGGCTCTGGATGAGCT
CCTGCAACCTAGGTTTCGCCAGTCTGCCTATTTCTTTCTTTTTGGCTGTTGCTGGCCGCGCTGGCGC
TCGGGCCCGGGTTACAAGACATGTCCCCAACGAAGCCAGGCATGCTCAATGTGCACCTGCTGCCTCAT
ACACACGATGATGAGGCTGGCTGAAGACAGTGGACCAATACTATTACGGCATCCTGAGTGATGTTACAG
ACGCATCTGTTTACGTACATCCTAGACTCAGTAGTCTCCTCTACTGGAGAAACCCACCCGTCGTTTCAT
CTATGTGGAAATGGCTTTCTTCTCCCGTTGGTGAAGCAGCAGACCAGTGAACCCAGGACGCTGTACGG
AACCTGGTGCGCCAGGGGCGCCTGGAGTTGTCAATGGTGGCTGGGTGATGAACGACGAAGCAGCCACCC
ACTATGGCGCGATTGTGGACCAGATGACACTTGGGCTACGCTTCTCGAAGACACATTTGGTAGTGATGG
ACTTCCCGTGTGGCCTGGCATAATTGACCTTTTCGGCCACTCTCGAGAACAGGCCCTCCCTGTTTGCCAG
ATGGGTTTTGATGGCTTCTTCTTGGGCGCATTGACTATCAAGATAAACTTAATCGGAAGAAAAAGCTGA
GGATGGAGGAGCTGTGGAGAGCTAGTGACAGCTTGGAGCCCCCGCTGCTGACCTCTTACTGGTGTGCT
CCCCAATAATTACAACCCCCGAAATACCTGTGCTGGGATGTGCTATGTACAGACCCTCCCGTGGTGGAT
AATCCCGGAGCCCTGAGTTCAATGCAAAAACGTTGGTCAACTTCTTGAAGCTGCTTCTTCCAGAG
AAGGGTTTTACCGAACCAACCACACCGTGATGACCATGGGCTCAGACTTCCATTATGAGAATGCCAACAT
GTGGTTCAAAAACATGGACAAGCTGATCCGCCTGGTCAACGCGCAGCAGGTAAACGGGAGCCTCGTCCAC
GTTCTCTACTCCACCCTACGTGTTACCTCTGGGAGCTGAACAAGGCCAATCTCACCTGGACAGTGAAGG
AGGACGACTTCTTTCTTATGCCGATGGCCCCACATGTTCTGGACTGGCTATTTTTCCAGCAGGCCAGC
CCTCAAGCGCTATGAGCGCCTCAGTTACAACCTCCTGCAGGTGTGTAACCAGCTGGAAGCACTGGTGGGT
CCCGAAGCCAACGTGGGACCCTATGGCTCGGGAGACAGCGCACCTTTCAGGAGGCAATGGCGGTGCTCC
AACACCACGACGCTGTCAGTGGTACTGCAAGGCAGAATGTTGTAATGACTACCGGAGGCAGCTGGCAGC
AGGCTGGGACCCTGTGAGGTTCTCGTGAGCAACGCTCTGGCGGACTCAGCCATTACAACAGAACTTC



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TCATTCTGTCGTGAGCTCAACATTAGCATCTGCCAGTCAGCCAGACTTCGGAGCGTTTCCAGGTAACCT
 TTTACAACCCCCTGGGGCGAAAGGTGGATCAGATGGTTCGGCTGCCTGTCTATGAAGGCAACTTCATTGT
 GAAGGACCCTCATGATAAGAACATTTCCAGTAACGTGGTGGTTCCTAGCTATTACAGTGAGACTTAC
 CAATGGGAGCTGCTGTTCCAGCCTCAGTGCCTGCCCTGGGCTTCAGCACCTACTCTGTGGCCAAAATGA
 GTGACCTTAACCACCAAGCCACAACCTGCTGTCCAGGCCAGGAAACACAAGTCCCATCATGTCTTAGT
 CATTGAAAATAAGTACATGCGGGCCACATTTGACTCTGGCACGGGGTTATTGATGAAGATTGAAAACCTG
 GAACAGAACCTCTCGCTCCCTGTGAGCCAAGGCTCTTTTGGTATAATGCCAGTGTGGTGGATGAGGAGA
 GTTCTCAGGCCTCTGGGGCCTACATCTTCAGACCCAATGTCGGTAAACCGATACCTGTGAGCCGCTGGGC
 TCAGATCAGTTTGGTGAAGACAGCCTTGGTGCAGGAGGTACACCAGAATTTTTCAGCCTGGTGTCCCAA
 GTGATTCGCCTGTACAAAGGACAGCGCCATTTGGAGCTGGAGTGGACGGTGGGACCAATCCAGTGAGAG
 ATGACTGGGGGAAGGAAGTCATCAGCCGCTTTGACACCCAATGAAAACCAAGGGACAGTTCTTCACGGA
 CAGCAACGGCCGGGAAATCCTGAAGAGGAGGGATGATTATCGACCCACCTGGACATTGAATCAGACTGAG
 CCGGTGGCTGAAATTACTATCCTGTCAACTCGAATTTATATCACGGATGGGCAATGCAGCTGACCG
 TGTGACCAGCCGCTCCAGGGGGCAGCAGTCTGCAGGATGGCTCGTTGGAGCTCATGGTGCACCGTGC
 GCTGTTGGTAGATGATGATCGTGGAGTGTCCGAACCCCTGTTGGAGACAGATACCGGGGATAAGGTTCGA
 GGACGCCACCTTGTGCTTTTGTGCTGTGTCAGTGTGCCCTGCAAGACACCGACTGCTGGCGGAACAAG
 AAGTCTGGCCCTCAGGTGGTGTCTCTGGGTGGTAGCAGTCCCTATCACTCCCGGGCGACACCAAAA
 AACGCAGTTTTCCGACTTCGCCAGGAGCTACCTCCTCAGGTGCATTTGCTCACACTGGCCCGCTGGGGG
 CCAAAGATGCTGCTGCTGCGCTTGGAGCACCAGTTCGCTCTGAAAGAAGATTGGATCGCAACCTGAGCT
 CCCCTGTAACCTTGAACGTTTCAAGCCTGTTCCAGACCTTCACTATCAACTACCTGCAGGAGACCACACT
 GGCAGCCAACAGCCCTGTCCAGGGCTTCCAGGCTCAAGTGGATGACAAATACTGGTCCCACCTCCTAC
 CCTGAGCCTTCCAAGTTGACCCCTACCTCAGTCACACTGAAGCCTATGGAATACGTACCTTCTGGCCT
 CTGTACAATGGCAAGAACACAGGCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010764

Insert Size:

3042 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_010764.2](#), [NP_034894.2](#)
RefSeq Size:

4326 bp

RefSeq ORF:

3042 bp

Locus ID: 17159

UniProt ID: [O09159](#)

Cytogenetics: 8 41.55 cM

Gene Summary: Necessary for the catabolism of N-linked carbohydrates released during glycoprotein turnover.[UniProtKB/Swiss-Prot Function]