

Product datasheet for **MC201300**

Man2c1 (NM_028636) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Man2c1 (NM_028636) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Man2c1
Synonyms:	1110025H24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016253 sequence for NM_028636
 AGGCGCATCGCCATGGCGGCAGCGCCGTTCTTGAAGCACTGGCGCACCCTTTTCGAGCGGGTGGAGAAGT
 TCGTGTCCCCGATCTACTTCACCGACTGTAACCTTCGCGGCAGGCTCTTCGGGGACAGCTGCTCGGTGAC
 ACTCTCCAGCTTCTGACGCCGAGAGGCTTCCCTATGAGAAGCGGTGCAGCAGAACTTCAGCCCTGCG
 CAGGTCGCGCAGAGCTTCGGACCCACATGGTGGACCTGCTGGTTTCGGGTAGAACTGGTCATCCCTGAAG
 TTTGGGTGGGCCAGGAAGTTCATCTTTGCTGGGAAAGCGATGGAGAAAGCCTTGCTGCGTGTGGGGA
 ACCTGTCCAGGGTTTGACCAAAGAAGGCGAAAAGACCAGTTATGTCTGAGCGAGAGGCTGCGGAGCATCA
 GACCCTCGGAGCTTGACTCTATGTGGAAGTAGCCTGCAATGGGCTTCTGGGGCCGGGAAGGGAAGCA
 TGATCGCAGCCCCGACCCAGAGAAGATGTTCCAGCTGAGCCAGGCTAAACTGGCTGTGTTCCACCGGGA
 TGTCCACAGTCTCCTGGTGGACCTGGAGCTGTTGCTGGGTGTGGCCAAGGGCCTCGGGGAGGACAGCCAG
 CGCAGCTTCCAGGCCCTGCACACAGCAACAGATGGTGAACATATGTGACCCTGCTCAGCCTGAGACTT
 ACCCAGCAGCCAAAGCCCTGGCTCCAAGTTCCTTGGCCAACATGGAGGTGAAAGCCAGCATACCATCCA
 TGCCATGGGACACTGTACATTGATACAGCCTGGCTTTGGCCCTCAAGGAGACTGTGAGGAAATGTGCC
 CGGAGCTGGTGCAGAGCTGTGACGCTCATGGAGCAGAACACAGACTTCATCTTTGCTGCTCTCAGGCAC
 AACAACTTGAATGGGTCAAGAGCCAGTACCCTGGTCTGCATGCCCGGCTCCAGGAGTTTGCCTGCCGAGG
 ACAGTTTGTGCCTGTGGGGGGCAGCTGGGTAGAAATGGATGGGAACCTTCCCAGTGGAGAGGCCATGGTG
 AGGCAGTTCCTGCAGGGCCAGAACTTCTTCTGCAAGAGTTTGGGAAGATGTGCTCTGAGTTCGGCTGC
 CAGACACGTTTGGCTACTCAGCAGAGCTCCCCAGATCATGCAAGGCTGTGGCATCAAGCGCTTCTGAC
 CCAGAACTGAGCTGGAACCTTGGTCAACTCCTTTCCACACCATACCTTTTTCTGGGAGGGGCTGGATGGC
 TCCCGAGTGTGGTCCACTTCCCACCTGGAGACTCATATGGAATGCAGGGCAGTGTGGAGGAGGTGCTTA
 AGACTGTGACCAACAACCGGGACAAGGGGGCGGACCAACCACAGTGGCTTCTCTTCGGCTTCGGGGATGG
 GGGAGGTGGCCCCACACAGACCATGTTGGACCGATTGAAGCGGCTGAGCAACTGATGGGCTGCCCAGG
 GTGCACTATCTTCTCCTGGCCAGCTTTCACGGCACTGGAGAGAGACTCAGGACAGCTGTGCACATGGG
 TTGGAGAACTCTCCTGGAAGTGCACAATGGCACCTACACTACGATGCCAGCTCAAGAAGGGGAACAG
 AGAATGTGAGCAGATTCTCATGACGTGGAGGTGCTCAGCAGCCTGGCCCTAGCCGAAAGTGCACAGTTC
 CTATACCCGGCAGCCAGCTGCAGCACCTCTGGAGGCTCCTGCTCCTCAACCAGTTCATGATGTGGTGA
 CTGGAAGCTGCATTACAGCTGGTGGCAGAAGATGCCATGAACTACTATGAAGACATCCGTTCTCATGGCAA
 CCCACTGCTCAGTGTGCAGCCGACGCTTGTGTGCCGGGAGCCAGGTCCCAAGGGCCTCCTCATTATC
 AACACACTGCCCTGGAAGCGCACTGAAGTGTGGCACTGCCCAAGCCTTGTGGGGCTCACAGCCTAGCCC
 TGGTGACAGTGCCAAGTATTGGCTACGCTCCTGCTCCCACCCCTACTTCACTGCAGCCCCCTCCTCCCCA
 GCAGCCTGTGTTGTGATGCAGGAGACTGACGGTCTGTGACTTTGGACAACGGCATCATCCGGGTGAGA
 CTGGATCCAAGTGGCTGTCTTACCTCCCTGGTCCCTGGTGGCTTCTGGCAGGGAAGCCATTGCTGAGGGAG
 CCCTGGGGAACCAAGTGTGTTGTTGATGATGTGCCATTGTAAGTGGGATGCATGGGATGTCATGGATTA
 CCATCTAGAGACACGGAAGCCTGTGCTGGGCCAGGCAGGGACCCTGGCAGTGGGCACTGAAGGTGGCCTC
 CGGGGCAGTGCCTGGTTCCTGCTCCAGATCAGCCCCAACAGCCGGCTCAGCCAGGAGGTTGTGCTAGATG
 TTGGCTGCCCCATGTCCGCTTCCACACTGAGGTGCACTGGCACGAGGCCACAAGTTCCTGAAGGTGGA
 GTTCCCTGCTAGAATACGGAGCCCCAGGCTACCTATGAGATCCAGTTTGGGCACCTCCAGAGGCCGACG
 CACAACAACACCTCTTGGGACTGGGCTCGCTACGAGGTGTGGGCTCACCGCTGGATAGATCTGTCCGAGT
 GTGACTTTGGGCTGGCCCTGCTCAACAAGTGAAGTATGGAGCATCAGTACGAGGCAACGTCCTCAGCCT
 CTCACTGTTGCGTGCACCAAGGCTCCAGACGCTACTGCTGACATGGGGCGCCATGAATTCACCTTACGCT
 TTGATGCCACACAAGGGCTCCTTCCAAGAAGCTGGTGTATCCATGCTGCCTACAACCTCAACTTTCCCC
 TGCTGGCACTGCCGGCTCCAGGCCGGCCCTGACACCACCTGGAGTGCCTTTTCTGTGCTTACCAGC
 AGTAGTGTGGAGACCATCAAGCAGGCTGAGAGGTGCCATCAGCACCGCACACTGGTCTAAGGCTGTAC
 GAGGCTCATGGCAGCCATGTGGACTGCTGGCTGCACACGTCGTTGCTGTTTCCAGGAGGCCACCTTTGTG
 ACCTCCTGGAGCAGCGAGACCCCACTGGTACCTTTCCCTCCAGGACAACCGTCTGAAGCTCACTTTTTTC
 TCCCTTCAAAGTGAATCCCTATTGCTTGTGCTTCACTTCCACCAAAGTCTGAGTCTTGTGATGATGCTT
 TGGGAGTTCCTCATTTCACCTCCCTAGCCGAAGCATCTGTGCAATAAAGCTTAGATTAGCAGCACT
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_028636

Insert Size:	3120 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:	<ol style="list-style-type: none">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:	BC016253 , AAH16253
RefSeq Size:	3255 bp
RefSeq ORF:	3120 bp
Locus ID:	73744
UniProt ID:	Q91W89
Cytogenetics:	9 B
Gene Summary:	Cleaves alpha 1,2-, alpha 1,3-, and alpha 1,6-linked mannose residues from glycoproteins. Involved in the degradation of free oligosaccharides in the cytoplasm.[UniProtKB/Swiss-Prot Function]