

Product datasheet for **MC204170**

Manba (NM_027288) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Manba (NM_027288) Mouse Untagged Clone
Tag: Tag Free
Symbol: Manba
Synonyms: 2410030O07Rik; B930014J03Rik; Bmn
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031409
 GCGAGCGGTCAGCATGCATCTTCACCTGCTCTTGATATTGGCGCTATTTCCGGCCGGCTGCGTGGTGGCA
 GGTCTAGCTACAGCCTGAGCGGAGCTGGCGGTGAGCAACGGGAATGGCTCCCTGGAGCTACCGCGCA
 CTGTCCCCGGCTATGTGCACAGCGCCCTGCACCAGCACGGGTGATCCAGGATCCTTACTACAGATTTAA
 TGACCTGAACTATAGATGGATTTCTTAGATAACTGGACCTACAGCACGGAAATTTAAAATCCCTTTAAT
 CTCAGTGAATGGCAGAAGGTAAAGTTGATCTTTGATGGAGTTGACACGGTTGACAGAAATCTGTTCAACA
 ATGTCACCATTGGGAAGACAGACAACATGTTCACTGGATACAGCTTTGACATCACCAACGTAGTCAAAGA
 CGTGAACCTCTTAAAGCTGCAGTCCGGTCAGCAGTGCAGTATGCAGAGTGTGAGCAAGGCTCACACT
 AGCTACCGGGTCCCCCAGAGTCCCCCGGTGGAGCAGAAGGGTGAATGCACGTCAACTTCATCCGAA
 AGGCACAGTGTCTTCCAGTGGGACTGGGGCCCTTCTTCCCCTCTCAGGGAATCTGAAAAGATGTTAG
 AATCGAAGCCTATAACATTGCTCATCTGGATTACCTCACGTTTTTCCAGTATATGATAACGCTTCTCAG
 GCCTGGAATATTGAAATAAAGGCTTCTTTTGATGTCGCCAGCTCGAAGTCCGTTGGTGGTCAGGTGACAG
 TAGCCATCCCTCAACTGAAAACACAGCAGACAAACGCATTGAACTTCAACAAGAGCAAAGGATTGTTAA
 ACTACTGGTCAAAATTAGGAAGGACGTTGCTGTGGAGACCTGGTGGCCTCGTGGACATGGGAACCAGACT
 GGGTACAACATGACAATTCTCTTTGCTCTGGATGGAGGCTTAAAAATTGAGAAAGCAGCCAAGGTTTATT
 TCAGGACAGTGAACATGATAGAAGAGGGCATAAAAAGGCTCCTGGTCTGAGTTTCTACTTCAAAATTA
 TGGGCTTCTATATTTCTGAAAGGCTCAAATTGGATTCCAGCCGACTCCTTCCAAGACAAAGTCACTTCC
 GATCGGCTGCAGTCTTTTCCAGTCCGTCTGGATGCGAACATGAACACTCTGCGCGTGTGGGGGGTG
 GCATCTACGAGCAGGATGAGTTCTATGCGCTCTGTGATGAACCTGGGATAATGGTGTGGCAGGACTTAT
 GTTTGCCAGTGCCCTTTATCCAAGTGGCTTCTTAGCCTCCGTGAGGAAAGAAAGTCACTACCAG
 GTCAGGAGACTGAAATCTCACCCCTCCATCATATATGGAGTGGTAATAATGAGAATGAAGTGGCTCTCA
 GCGTGAACGTTCCACGTAAATCCCAGGGACATGAAAACGTACATTGACGACTACGTGACCCTCTATGT
 GAAGAACATCAGGAAGATTGTCTTATCAGAAGACAAGAGCCGCTCTTTCATTGCATCCAGCCCAACCAAC
 GGGATGAAAACCATGGAGGAAGGCTGGATCTTACGACCCTTATAGCATCCAGTATGGTGAATTCATT
 TTTATAACTATGCCGATGACTGCTGGAATTGGAAGATCTCCCAAAGCTCGATTAGTGTCTGAATATGG
 CTACCAGTCTGGCCTTCTTTTAGCACACTAGAAAAGGCTCATCTCAGGAGGACTGGGCTTACAACAGC
 CGCTTCTCCCTTCATCGGCAGCATCATGAAGATGGCAACCATCAGATGCTGCACCAGGTCAAGATGCATT



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TCAAAC TCCCCAGGGGACAGACCCATTGCGCACATTTAAAGACTATCTACCTTACTCAGGTGATGCA
 AGCCCA GTGCATCAAACAGAAACCGAGTTCTACCTGCGCAGCCGAGCGAGATAGTGGACGGAAAAGGC
 CACACCATGGGGGCACTGTACTGGCAGCTGAACGATATCTGGCAGGCTCCTTCTGGGCCTCTTTGAGT
 ACGGAGGGAAATGGAAAATGCTGCATTACTTCGCTCGGCGTTTCTTCGCTCCGCTGTTGCCAGTGGGATT
 TGAAGATGAAGGTGTTTTTACGTCTATGGCGTCTCAGATCTTCACAAAGACCACCACACGAGCTCACC
 GTGAGGCTCCATCACTGGAGCTCCCCGAAGCCTTTGTGCTCCCTCGTGAATCAAGTATTGTGGTTAAGG
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 GGAGACATGCGTGGTCTCCTTTTACTTTTCAACTGACAAAGAAGCTTTCAGCCCAACCAACTACCACTTC
 CTGTCCCTCCCTGAAGGACGCTAAAGGGCTGCTCGAGGCCAACATCACTGTCAACATCTCTCAGAAGGGCA
 ATGTTTTTGTGTTTGTATCTGAAACGTCTGCGGTGCTCCCTTTGTTTGGTTGGATGTAGGAAGTATCCC
 CGGGAGATTTAGTGATAACGGCTTCTCATGATTCGGAAGAACTCTCGGTACTGTTTTACCCTTGGAAAG
 CCCACCAGCAAGAGTGAGCTGCAGCAGGCCTTCAGCGTCACTCCCTGACGGATACCTACTGAAGGGACA
 TGGCTTGAATTCAGTGGACACTGGGGACAAAGGCTTTCTAAAGCATGGCTGGAGAAGAAGGCAGCCTGA
 GATAAACCGTCAAGAAGTATCTGCTGCCTGGGGTCTATGACTCCCAGTGAATACTGTTTCATCCTGGT
 GATGTCTTTAGACAAGGTGATGCCCGGGGATTCTGAATCTCCAGGATTGTGGTTTTGTCCACAGCTA
 AAGCACGCCAGAAAGACTCATACCACCAATGACCTTTTTGGGAGACCCTAGACTGTGACATGATTGTG
 TGAACCAAATGTGGAGTTCTGAAGTAATGTAGGCCTTTCATAGCACAGGAATTCTACCACTGTAGG
 TGAAGTGTGTGGCTAGGATTGCCAGAGGAAATGGGAAGCTCAGATCCTACAATAGAGATTGCTTGTAGGCA
 GCCATATTGATTGTTGGTAGACAGCTGAGGGGCCTGAATGTTGTATCTGATTACTATCTTTAGGTAGGAT
 TCCCTTTTTCATATAGTTTGGCAATAACTCTCTTTCTGAAAAGACCAAGAGATCTTTCAGCCTAGGCTG
 ATGTGCTGTACCTGTGTAGTCTCAGACTCTGGAGGCAGAGGCAGGAGGACCACAAATCAAAGTTGGC
 CCCGACTATACTGTTGAATTTTTCACTTCTCCTCGTCTGAGTGTCTTGTGAGCTTTAGGCTTACCCT
 GATTCTGATGGACTCTCGAATCCAAAGTTAGGAGCTACATTTAAACTCATTGGCTGCTGTGGAAGTGG
 CAAAAAATGTTAATAAGTAGCTATTTTGGGCACTGGTTTGTGGGCTTTTTGGTATGACTTTTATACTTTT
 TCTATATACTATATATATATAAATAAAAAACCCACAGATTATATAAATTGCACTGACAACCTTGAAGTT
 TATTTGCGCTCTGTTTAAACCATGTAATAAACATTTTCATTGCATACAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_027288
- Insert Size:** 2640 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:** [BC031409](#), [AAH31409](#)
- RefSeq Size:** 3630 bp
- RefSeq ORF:** 2640 bp

Locus ID: 110173

UniProt ID: [Q8K2I4](#)

Cytogenetics: 3 62.65 cM

Gene Summary: Exoglycosidase that cleaves the single beta-linked mannose residue from the non-reducing end of all N-linked glycoprotein oligosaccharides.[UniProtKB/Swiss-Prot Function]