

## Product datasheet for **MC201913**

### Man2b2 (NM\_008550) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Man2b2 (NM_008550) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Man2b2
Synonyms:	mKIAA0935
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>BC066211 sequence for NM\_008550  
 CCTGGCAGCGTCCCACTGCCAGCAATGGGGCCGCTGCGCTGGCTGCCGCTACTCGGCCAGCTGTTGCTG  
 TTGTGGCCGCGGGCAGCTCAGCCCGCCGGCCCGATCCGGGCTTCGTGGTGCCCCACAGTCACATGGACG  
 TGGGCTGGGTCTTACGGTCCAGGAAAGCATGAGAGCCTATGCAGCCAATGTCTACACTACCGTGGTGGC  
 GGAAGTGGTCCGCGGAGGGCAGCGGCGCTTCATCGCCGTGGAGCAGGAGTTCTCCGGCTGTGGTGGGAC  
 GGTGTGGCCTCTGAGCAGCAGAAACAGCAGGTCCGCCAGCTCCTGCATGAAGACGCCTGGAGTTTGTTCT  
 TCGGAGGCCAAGTCATGCATGATGAGGCTGTGACCCACCTGGATGACCAGATCTTACAGCTCACAGAAGG  
 ACATGGCTTTCTCTATGAAACGTTTGAATCCGGCCACAGTTCTCCTGGCACGTGGACCCCTTTCGGTGCA  
 TCAGCAACGACCCCTACCTGTTTGGCCTGGCAGGCTTCAATGCCATCTCATCTCTCGTATTGACTACG  
 ACCTCAAGGATGCCATGCAGGAAGCTCAGATGCTGCAGTTCGTGTGGCATGGTCCCCATCCCTGTCAGG  
 GCAGCAGGAAATCTTCACTCACGTATGGACCATTATAGCTACTGCACCCCTCACACATCCCTTTTCT  
 AACAGGTCTGGATTTTACTGGAATGGTGTGGCCGTCTTCCAGAGCCACCCCCAGACGGCGTGTATCCTA  
 ACATGAGCGAGCCTGTACCCGGAGCCAACATCCACCTCTACGCTGAGGCTCTGGTGGCAACGTTAAACA  
 GAGGGCTCGGTGGTTCGGACGCCCCACGTCTCTGGCCCTGGGGATGTGACAAGCAGTTCTTCAATGCC  
 TCGGTGCAGTTTGACAACATGGATCCCCTGCTGGACTACATCAACCAGCGCACGGCCAGTTTGGCATCT  
 CGGTGCAGTACGCCACACTGAACGACTACTTCCAAGCCCTGCACGCCACCAACATGACCTGGGGCATCCG  
 TGACCACCAGGACTTCCCTTCCCTATTCTTCAGAACCACTTCAGGCCTGGACCCGGTCTACACATCCCGG  
 AGCACCTCAAGGGTCTAGCGAGACAAGCCAGTGCCTTGCTCTATGCTGGGGAGTCCATGTTTACACGCT  
 ACATGTGGCCAGACCCCACTGGGACTCTGGACCCTACCTGGGCCCTGCAGCAGCTCCAACAGCTTCGCTG  
 GGCTGTGTCTGAGGTCCAGCACCATGCCATCACAGGCACTGAGTCCCCAAGGTGAAGAATATGTAC  
 ACGGAACATCTCAGGATGGGGATGCTGGGCGTGCAGCAAGTGTGGTCTCCATTGCCCTGGGCGGGCCCC  
 CAGGGTCTGGCACAGGAGCCCCAAAGACATCATGGGCGCTCAAGTGCACCTGTCTCTCGGTAGACAC  
 AAGGCTGTAGGATACTCCGCTCTGTGTACAACCCGCTGGCCTGGAAGATCACCACCATATCACCCCTG  
 ACTGTGCTTTCCCAATGTGAGCGTACCGATGAGTTGGGCCACCCGGTCAACACAGATTCAGAACT  
 CTACAAAGGACCCCTTCTGCATACGACTGCTCATCTGACCACCATCCCCGGCCTCAACTATCGGCACTA  
 TCAAGTATGCACGCCCGCGGGGACCAGGCAGGCACCAGGGAGTGGTCGCCCCAGGGCAACACCCTC  
 AAGTTTGTCTCAAAGTGAAGAACAGCCAGCCAGGAAGGCAAGCGCCTGGTGCCTGATGAATGACT  
 GCTATATTCTGCTGTTTCGACCAGGACACCAACATGTTACATAGCATTGAGGATAGACAGAGCAACCCGAC  
 GGTGCGCATGACCAAGAGTTCCTGGAGTACCAGGCCAAGTGGGACGTGAAGCAGGGCCCCATTTCTGAC  
 AACTACCTCTTTGACCCAAACAACCCGCTGAGCCTTCTGGGAAGCGGTGGGGATGGAATGGTGGCAG  
 GCACACTGGTAACGGACATAAAGCAGTATTTCTACAGGTACATAACAGACCAGGAGTACATCTATCCAT  
 CCACACCCGCTCTGGCCCACCCGAGCCTCGCTGGAGAACTGCTCTGCCAACGGATAGAGCAGCAGTACCGA  
 GTGGGCCCCCTGGACCTAAACCGTGAAGGCCATCCTGAGGACCAGCAGCGACCTAAACAGCCAGCAAGTCC  
 TCTACTCTGACAACAACGGCTACCAGATGCAGCGGAGGCCCTACAAGGCTTTCAAGAGCAATCCCATCCC  
 CCGGAATTACTACCCATGGTACAGTACGCTTTCATCGAGGATGACAAGAGCAGGCTGGTGTCTGGCA  
 GAGCGACCGCACGGTGTCTCCAGCAAGGGAATGGGCAGGTGGAGGTGATGCTCCATCGACGGCTGTGGA  
 ACAACCTGGCCTGGGACCTGAAGTACAACCTCACGCTGAACGACACCTCCATTGTCCACCCGGTGTCTG  
 GCTCATGCTGGGGCCCAAGTCCACCATGACGGCCCTGCACCCAAGGAGTGGGTGGCTCTGCAGCACGGG  
 CCGTGTGTGTTTAAAAGAAGTGGCTGACGAAGAAACGCCCCTTACGGACCCCAACAATCCCTGGCCTG  
 TGACACTGCCCCAAACCTGCATCTGCAGATCCTCAGCGTACCTGGCTGGACGTACAGCAGGAGCCATGC  
 CCAGCACCTGAGGAACCTTACAGAGAGGCCACCCGAGAAGCCACAGGCCAACCTGCAAAGGTGCTGCTG  
 CGCCTGCGCCACCTGTATGAAGCAGGGGAGGACCCAGTACTGTCTCGGCCTGCGACAGTGGATCTCAAGG  
 TTGTACTTCGAGGACTAGGGTCTGTAGTGGCTGTGGAGGAACGCTCACTCACAGGACCTGGGATGTGCA  
 GATGCTGCAGCGCTGGCACTGGAGCACAAAGACTGACCACCTGAAAGGCCACCCACCTCTCCACCAAGG  
 CCACCAGGAGGCTCCATCATACCGTGTACCCTAAGGAAATCCGGACCTTCTTATTAAATTCAGCAGT  
 GACATCAATGCATTGGCCCCAGGACATGGAAGTGGAAACCCACCCACCCACCCCAAAAAAACAAC  
 GACTTCAGACCCAGAGGGAGGAACAAGTGCGCATCAGACAGCTGTGTGGCAGAAAGTGGCCATGGGGGA  
 GAGGGATAGCTCTTATTATTTTTTTTTTTTTTAAATAAAAAATTAAGGTCTGGGCTCTTTCTCCAAAAAA  
 AA

**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	NM_008550
<b>Insert Size:</b>	3057 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC066211</a> , <a href="#">AAH66211</a>
<b>RefSeq Size:</b>	3348 bp
<b>RefSeq ORF:</b>	3057 bp
<b>Locus ID:</b>	17160
<b>UniProt ID:</b>	<a href="#">O54782</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	Plays an important role in the early step of spermatogenesis.[UniProtKB/Swiss-Prot Function]