

## Product datasheet for **MC206609**

### 1110008J03Rik (BC021365) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 1110008J03Rik (BC021365) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 1110008J03Rik  
**Synonyms:** 1110008J03Rik; AI853657; C86297; Rita  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC021365  
 CCACGCGTCCGCGGAGCTTTCTGGCCGGAGGCTCCAGGAGAAAAAGCACCAGGCATGGAGATCCCCTGAC  
 GCCTGCGCTTTTCAGCTCTGTAAGCTGGCCGGTGCCTTGTACTCTGCTGTTGGGAGCCTGAGCTGGACT  
 GGGGAAAATGCATTTTCGTATGAGACTGGTTGGCGAGGACTGGAACGCACCCACGTTTGCAAAGCGCTTTGC  
 ACAAGGGAGCCCTGGAGGCTGAGTCTGTAGGCACACCACCCACTGGGCAACGTGAAGACCCCGTGG  
 CACCGGCCAGCAGCGGAATGAAAGCCCTCACCTTCAGCACCGCAGTCCCACCAGCTACAGGGTCAAGG  
 CCAGGGCATCCTATGTGGATGAGACCCTGTTGGCAGCCAGCAAGAACCAGACCTGCCAACCCAGACTT  
 TGACCCACCCCTGGGTGCAGAATTGTAACCGATCCAGAGGAGTGGGCCAGGACCACCGAAGGGCTCTCTG  
 GCCAAGAGAGACTGTGAGTCCCCCTCTCCAGGGCAGCACCCCAAACCTCACACCAAGGAAGAAAAACA  
 AATACAGGCTGATTGGCCATGCCCATCCTACTGCGATGAGTCACTGTTTGGCACTAGCAAGGAGGGTCTC  
 TCGGATGGCCGTGGGGATGCTGCAAAGCTCCGGACCCTTTTCTGGACCCACCAGCCACCCTAGGGGC  
 AGCCACACACCTTGCCCCAGGGAGACCCCTCTGCGAGCCATTACCCAGCTGGACCCTCCAGGACAGAGC  
 CCAGAGTGACTGCAGGCTCCCAGATGTCATCCCAGGATGGGTTGTGTGTTCCCTGCTCTCTGGGACAGAG  
 GCGGTCCCATTCACTCACCCACCTAACTGTCCCAGCAGCGGTCACTCCAGCTTCCAGTGCTCCCCAGACC  
 AATGGGCTTGGAGTCCCCGGCCTAACACATCAGGGGCGACTGTCCAGAGTCCCCTGGTCACTTCCAAGG  
 CATGCTCAGGTCGTGTTTCGGGGCCAGCTCCCCCTCGGCGAGGGGCTGTCTCCCAAGCCGAAGCCTCC  
 TTGGAAGTGAGATTCTCGTCAGGGATGCTTTTGGCCAAAGCCAGGACTCAAGCTCGGGTGGGGTCTAT  
 AGAGACAACGGTCCCCAGGGCCTCCAGATGCTGAAAACGCCTCCACGGGTGCCACGGTGAGGATGGGCC  
 ATATTGCTCTAGTCCCCACAAGTCCAGGATGTCCCAGCCTTCTCTGAAGGGTGTGGGGTCTTTGAGA  
 TGTTGTCTCTAGCGGTGTCTCAGCCGCTTCTGTCATCGGTGCCAAGCCCAAGCCAGCTCCCTGCAAAG  
 GAGTATGTTTTTACAGTGATCTGGAGGCTCTGAGGAAGTGTCTGGGCTGTGCTGGACCAAGTGGGT  
 GGGACATGGGAAGACATTATTTAGTATTCATGTATTTATTCATGTATTAATGAATTTGGATCACTAA AAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC021365  
**Insert Size:** 762 bp



[View online »](#)

<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>	<u><a href="#">BC021365</a></u> , <u><a href="#">AAH21365</a></u>
<b>RefSeq Size:</b>	1485 bp
<b>RefSeq ORF:</b>	762 bp
<b>Locus ID:</b>	100764
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Tubulin-binding protein that acts as a negative regulator of Notch signaling pathway. Shuttles between the cytoplasm and the nucleus and mediates the nuclear export of RBPJ/RBPSUH, thereby preventing the interaction between RBPJ/RBPSUH and NICD product of Notch proteins (Notch intracellular domain), leading to down-regulate Notch-mediated transcription. May play a role in neurogenesis (By similarity).[UniProtKB/Swiss-Prot Function]