

## Product datasheet for **MC218015**

### **Dnajc11 (BC085257) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnajc11 (BC085257) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc11
Synonyms:	E030019A03Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC085257  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGACGGCCTTGAGCGAGGAGGAGCTGGACAATGAAGACTATTACTCACTGTGAACGTGCGCAGGG  
 AGGCTCTTCTGAAGAGCTGAAGGCTGCCTACCGAGGCTGTGTATGCTTTACCATCCGGACAAGCACAG  
 GGACCCAGAGCTCAAATCCCAGGCGGAGCGGCTGTTAACCTTGTGCACCAGGCTTATGAAGTGCTTAGT  
 GATCCCCAAACAAGAGCTATCTATGATATATACGGGAAGAGAGGCCTGGAGATGGAAGGATGGGAGGTGG  
 TGGAAAGAAAGAGAACCCAGCCGAGATCAGAGAGGAGTTTGGAGAGACTCCAGAGAGAGCGCAAGAGAG  
 GAGACTACAACAGCGAACGAACCCCAAGGGAACCATCAGCGTTGGAGTAGATGCGACTGACCTTTTTGAT  
 CGTTATGATGAGGAATATGAAGATGTGTCCGGAAGTGGCTTCCCGCAGATTGAGATTAATAAAATGCACA  
 TATCCAGTCCATTGAGGCGCCCTTGACAGCCACAGACACAGCCATCCTCTCTGGAAGTCTCTCCACCCA  
 GAATGGCAACGGCGCGGCTCCATTAACTTTGCCTCCGAGTGTACCTCTGCAAGGGATGGGGAGAG  
 TTGGAGTTTGGAGCTGGAGACCTCCAGGGGCTTTATTTGGTCTCAAGCTGTTCCGTAATCTCACCCCAA  
 GATGCTTTGTGACGACAAACTGTGCTCTGCAGTTTTTCATCCCGTGGGATCCGGCCTGGCCTGACCACTGT  
 GCTAGCTCGGAACCTGGACAAGAACACTGTGGGTACCTGCAGTGGCGCTGGGGTATCCAGTCAGCCATG  
 AACACCAGCATCGTCCGGGACACTAAGACCTGCCACTTACGGTGGCCTTGCAGCTGGGCATCCCTCACT  
 CCTTTGCACTCATCAGTTATCAGCACAAGTTCAGGACGACGACCAGACTCGAGTGAAAGGGTCCCTCAA  
 GGCAGGCTTCTTTGGGACCATAGTGGAGTATGGAGCTGAGAGGAAGATTTCCCGACACAGCGTCTTGGGT  
 GCGGCTGTGAGCATTGGCGTCCCTCAGGGTGTGTCTCTCAAAGTCAAGCTGAACAGGGCCAGTCAGACT  
 ACTTCTTCCCATCCACCTGACGGATCAGCTGCTCCCCAGCGCTGTGTTCTACGCCACCGTGGGGCCGCT  
 GGTCTGCTACTTGGCAGTGCACAGGCTGATCATCAGACCGTACCTCAGGGCTCAGAAAGAGAAGGAACTG  
 GAAAAGCAGAGAGAGAACACAGCCAGCGACATCCTGCAGAAGAAGCAAGGGCAGAGGCCCTGTTCCGGC  
 TAATGCAGGAATCTGTCCGAAGAATAATTGAAGCAGAGGAGTACGAATGGGGCTTATCATCGTGAATGC  
 CTGGTATGGGAAATTTGTCAATGACAAGAGCAGGAAGAACGAGAAGGTGAAGGTGATTGACGTGACAGTG  
 CCCCTGCAGTGCCTGGTGAAGGACTCCAAGTCTCCTCACAGAGGCTCCAAGGCAGGGCTGCCGGGGT  
 TCTATGATCCATGTGTGGGGAGGAGAAGAGCCTGCGAGTGTGTACCAGTTCAGAGGTGTCTCCACCA  
 GGTATGGTGCCTGACAGTGAGGCCCTGAGGATACCAAAGCAGTCTCACAGAATCGACACAGACGGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC085257  
**Insert Size:** 1680 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:** [BC085257](#), [AAH85257](#)

**RefSeq Size:** 2247 bp

**RefSeq ORF:** 1679 bp

**Locus ID:** 230935

**Cytogenetics:** 4 E2

**Gene Summary:** Required for mitochondrial inner membrane organization. Seems to function through its association with the MICOS complex and the mitochondrial outer membrane sorting assembly machinery (SAM) complex.[UniProtKB/Swiss-Prot Function]