

## Product datasheet for **MC206165**

### **Dsn1 (BC046807) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dsn1 (BC046807) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dsn1
Synonyms:	1700022L09Rik; AW552447
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC046807  
 GGGAAACCCGAACCGGACTGACGCGGGAGAGGACCTTCTGCGGCGACGCCGAGTTTGACAGAGGATGACGT  
 CAGTGACCAGATCAGAAGACCAGGAACCCACGATGTCCGAGACTCAGGATCGTCCATTGCAGCCAAGTCT  
 CAAGCCTTTGGAAGCATTGCCTCAATCCTCTGCCTACCAGGAAATGATGACGCAAGGCGTTTCAGAGGAA  
 AAAAACCACTTGGCTCGAACCTGGAGAGGGGGAAAGTTGTGGTGCCGACCACCAGGAGGGATCTCAGT  
 TGAGGTCTTTTCATTTGTCCCCTCAAGAACAGTCTATCCGTCTCAAGACAGAAGGCAGTCCTGGAGACG  
 AGCAAGCATGAAAGAAGTAAACCGCGGAAGTCATTGGCTCCCTCCACCCAGGCATCACAGAGCTCTGC  
 AGGTCCATCAGTGTGAAGTTAGCCAGAGCCAACGGCTGGGCGCCCTCCTGCTCTCCAGTTCCAGTTCT  
 CTGTTGAAAAACTTGAACCTTTCTTAAAGAACACTAAGGACTTCAGCCTTGAATGTTTTAGAGCGAAAGC  
 ATCTTCTCTCTGAAGAATTGAAACATTTTACAGACAGGCTGGGAAATGATGGAACACTGCAAAAAATGT  
 TTTGTTGAAGATTCAAAAAGAAAAGCAGCAGATTTTCTACTGGAAGCATCAGTAGCTGAGGTGAAAGAAT  
 ATATAACAAAGTTTTCTTAGAGCGTCAGGCTGGGATCGGCTCTTACTGCAGTACCAGAACGAGTTCC  
 ACCTGAAGAGATGCCAGAGGATCAACTGAAACCAGAATCACTGAAGTCAAGGTGGATCCTGCAGCCTAC  
 CTCAGGTCTTCCAGAAGGAAGTCTTAGCACGAAGCCAGACTACCAGAGAATAGTACAAGATCAGAACC  
 AAGTCTTTGCCTACGTGGAGTTAGTGATGGATGAGCTCCAAGGATCAGTGAAGCAGCTGCAAGCCCTCAT  
 GGATGAGAGTACTCAGTACCTCCAGAAGGTGTCAGTACAGCTCAAGAAGAGAAGTATGGACCAATTAGAC  
 TCTTACCTGCTCGAAAACCTGCTCAAGTCCCCCTCCAGAGCTCACCTTCCACGCAGTGATGAGGATCCT  
 GTCAGGGACCCTACCTCACAGCAGTCAGCTGGAATGTCCAGCTCTACAGCACTTCACTGTTGCCGAGTG  
 ACAGCATGTATGTATCCAGAAGAGTGTGTTAAGGACACTTTTTGTGCGGATGTGCACGATGCTCAAAATG  
 GCCTTCAGAACCAGTCGTCGGTTGCTCCTAACATCCTCATGGTCAGCGCTTTTTCATCCATAAAAATATC  
 CAGAGACATCTAAAACCAACCTCAAGGAAATGTTTTAGAGGCCAAGGTGGTTGTTGCCATAAAAGACTG  
 ACGCTAAAGTTTGTGAGTGTGGGACTGAAGGTGGATTATAGGATGTTGTACATAACGGGTATGTGTGGA  
 CACTTTACAGCATGCCCATTTTCTGAAGTGTCTAATCTCTGTAGAGTCTTTAGTTTTAATATGAAT  
 TGACTTCTGGAATCTAAATTCATGACAAGAAAAGGCTGTGCCAATTTAATTTTTTCTTTGGGAATTAC  
 CCTGCTCCCTAAGAATTGACCCAGAGCTTTGTGGGTGCTAGGGAAGCACCTCAAGAAGCTGCACCT  
 TTAGTCCCATATTTGGGGTTTTAATATTTTTTTAAGTTCTGTTAGTGAATGGCGTGTATTTAAAA  
 ACCGTGTGTTGTCATTTCTGGGCTGAGATAGAGTTATTTAACCTTTATCTCGAACATTAGATGGATG  
 TTAGAATCTATGTCGTAAGGACTGTGAGGATTTGTTTAAAGAGTAAAAGCCTAGAACAATGTTATAGT  
 TTGTTGTTGAAGACTTAATAAAATGAGTATACTGTAGTTAATGAGGTGGGAAAGCTACTATCTCATATGG  
 AATACCACATGGAGAACTCAAGCAGATACATAAAGTCTGGATTAGAAATAAACTTACAAGTTTTGCCTAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** BC046807

**Insert Size:** 1047 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:** [BC046807](#), [AAH46807](#)

**RefSeq Size:** 2054 bp

**RefSeq ORF:** 1047 bp

**Locus ID:** 66934

**Cytogenetics:** 2 H1

**Gene Summary:** Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis.[UniProtKB/Swiss-Prot Function]