

Product datasheet for **MC206986**

D2Wsu81e (BC078441) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	D2Wsu81e (BC078441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	D2Wsu81e
Synonyms:	9930028P05; AL033358
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206986 representing BC078441. Blue=ORF Red=Cloning site Green=Tag(s)

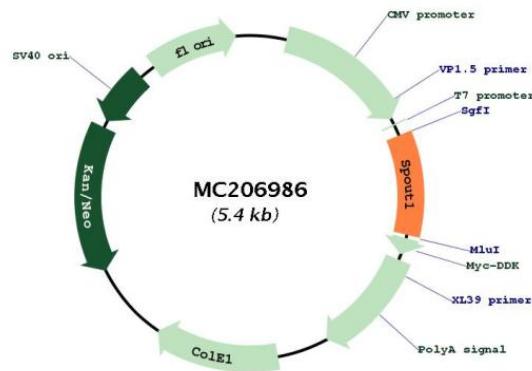
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAGAACTGGAGCGGCAGCGTGCCCAAGAGGAAGAGGCTAAACGCCAGGAAGAGGAGGAAGAGGGC
GCGGCCAGAGGAGCAACCAAGGACGGCCTTAACTCTGAGTGTGGCCCTGCCAGGCTCCATCCTGGAC
AATGCCCAGTCACCTGAGCTCCGCACCTACCTGGCTGGCCAGATCGCCAGAGCCTGCACCATCTTCTGT
GTGGATGAGATTGTGGTGTTCGATGAGGAGGGCCAAGATACCAAGAGTGTGAAGGAGAATTCAGGGGA
GTTGGCAAGAAAGGCAGGCATGTGCCAGCTGGCCCGCATCCTACAGTACCTGGAGTGTCCACAGTAC
CTGAGAAAAGCGTTCTTCCCAAGCACCAAGATCTGCAGTTTGCAGGAATCCTCAACCCCTTGACAGC
CCTCACCACATGCGTCAGGACGAAGAGTCTGAGTTTCGAGAAGGCGTCGTGGTGGACCGCCACCAAG
GCAGGCCATGGCTCTTTGGTCAACTGTGAATGAAGAAGCTTCTTTAGGAGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: BC078441

Insert Size: 540 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: [BC078441](#)

RefSeq Size: 2440 bp

RefSeq ORF: 539 bp

Locus ID: 227695

Cytogenetics: 2 21.29 cM

MW: 20.3 kDa

Gene Summary: Required for association of the centrosomes with the poles of the bipolar mitotic spindle during metaphase. Also involved in chromosome alignment. May promote centrosome maturation probably by recruiting A-kinase anchor protein AKAP9 to centrosomes in early mitosis. Binds specifically to miRNA MIR145 hairpin, regulates MIR145 expression at a postranscriptional level (By similarity).[UniProtKB/Swiss-Prot Function]