

## Product datasheet for **RR200311**

### Sept7 (NM\_001113740) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sept7 (NM_001113740) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sept7
Synonyms:	Cdc10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR200311 representing NM\_001113740  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCGGTCAGTGCAGATCCGCTGCTGCTGAGGAGAGGAGCGTCAACTGCAGCACCATGGTAGCTCAAC  
 CGAAGAACCTTGAGGGCTATGTGGGATTTGCCAACCTCCCAAATCAAGTGTACAGAAAATCGGTGAAAAG  
 AGGATTTGAATCACTCTTATGGTAGTAGTGAATCTGGACTGGGAAAGTCGACATTAATCAACTATTA  
 TTCCTCACAGATTTGATTCTCCAGAGTATCCAGGACCTTCTCATAGAATCAAAAAGACTGTTCCAGTGG  
 AGCAATCCAAAGTTTAAATCAAAGAAGGTGGCGTTCAGTTGCTGCTGACGATAGTTGATACTCCGGGATT  
 TGGAGATGCAGTGGATAATAGTAATTGCTGGCAGCCTGTTATCGACTACATTGATAGTAAATTTGAAGAT  
 TACTTAAATGCAGAATCTCGAGTGAACAGACGACAGATGCCTGATAACAGGGTGCAGTGTGTTTATACT  
 TCATTGCTCCTTCAGGACATGGACTTAAACCATTGGATATTGAGTTTATGAAACGTTTGCATGAAAAAGT  
 GAATATCATTCTTTAATTGCCAAAGCAGACACACTTACACCAGAGGAATGCCAACAGTTTAAAAAGCAG  
 ATAATGAAAGAAATCCAAGAACATAAAATTAATAATATGAATTTCCAGAAACGGATGATGAAGAAGAGA  
 ATAAGCTGGTTAAGAAGATAAAGGACCGTTTACCTCTTGCTGTGGTGGTGTAGTAATACTATCATTGAAGT  
 TAATGGCAAAAGAGTCAGAGGAAGGCAGTATCCTTGGGGTGTGGCTGAAGTTGAAAATGGTGAAGTGT  
 GATTTTACAATCTAAGAAATATGTTGATACGAACACACATGCAGGACTTGAAAGATGTTACCAATAACG  
 TACACTATGAGAACTACAGAAGCAGAAAAGTAGCAGCAGTGACCTACAATGGAGTAGATAACAACAAGAA  
 CAAAGGGCAACTTACCAAGAGCCCTCTGGCGCAGATGGAGGAGGAGAGAAGGGAGCACGTGGCCAAGATG  
 AAGAAGATGGAGATGGAGATGGAGCAGGTGTTGAGATGAAGTCAAGGAAAAAGTTCAAAGCTGAAGG  
 ACTCTGAAGCCGAGCTCCAGCGCGCCATGAGCAAATGAAAAAGAATTTAGAAGCACAGCACAAGAATT  
 AGAGGAAAAACGTCGTCAGTTTGAAGAAGAAAAAGCAAACCTGGGAAGCTCAACAACGTATTTAGAGCAA  
 CAGAATCTTCAAGAACCTTGGAAAAGAACAAGAAGAAAGGCAAGATCTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR200311 representing NM\_001113740  
 Red=Cloning site Green=Tags(s)

MSVSARSAAEERSVNCSTMVAQPKNLEGYVGFANLPNQVYRKSVKRGFEFTLMVVGESGLGKSTLINS  
 FLTDLYSPEYPGPSHRIKKTVQVEQSKVLIKEGGVQLLLTIVDTPGFGDAVDNSNCWQPVIDYIDSKFED  
 YLNAESRVNRRQMPDNRVQCCLYFIAPSGHGLKPLDIEFMKRLHEKVNIIPLIAKADTLTPEECQQFKKQ  
 IMKEIQEHKIKIYEFPETDDEEENKLVKIKDRLPLAVVGSNTIIEVNGKRVGRQYPWGVAEVENGEHC  
 DFTILRNMLIRTHMQDLKDVTNNVHYENYRSRKLAAVTYNGVDNKNKQQLTKSPLAQMEERREHVAKM  
 KMEMEMEQVFEMKVKEKVKLKDSEAELOQRHEQMKNLEAQHKELEEKRRQFEEEEKANWEAQQRILEQ  
 QNSSRTLEKNKKKGIKIF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

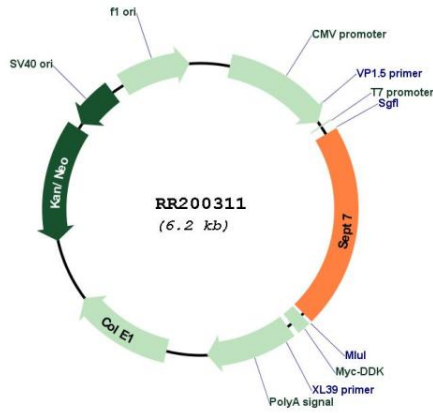
SgfI-MluI



**Gene Summary:**

human homolog is highly homologous to the yeast protein which is a structural component of the 10 nm filament and is essential for cytokinesis [RGD, Feb 2006]

**Product images:**



Circular map for RR200311