

Product datasheet for RN200311

Sept7 (NM_001113740) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sept7 (NM_001113740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sept7
Synonyms:	Cdc10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200311 representing NM_001113740 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGTCAGTGCAGATCCGCTGCTGCTGAGGAGAGGAGCGTCAACTGCAGCACCATGGTAGCTCAAC
CGAAGAACCTTGAGGGCTATGTGGGATTTGCCAACCTCCCAAATCAAGTGTACAGAAAATCGGTGAAAAG
AGGATTTGAATCACTCTTATGGTAGTAGTGAATCTGGACTGGGAAAGTCGACATTAATCAACTCATT
TTCCCTCACAGATTTGATTCTCCAGAGTATCCAGGACCTTCTCATAGAATCAAAAAGACTGTTCCAGGTGG
AGCAATCCAAAGTTTTAATCAAAGAAGGTGGCGTTTCAGTTGCTGCTGACGATAGTTGATACTCCGGGATT
TGGAGATGCAGTGGATAATAGTAATTGCTGGCAGCCTGTTATCGACTACATTGATAGTAAATTTGAAGAT
TACTTAAATGCAGAACTCGAGTGAACAGACGACAGATGCCTGATAACAGGGTGCAGTGTGTTTACT
TCATTGCTCCTTCAGGACATGGACTTAAACCATTGGATATTGAGTTTATGAAACGTTTGCATGAAAAAGT
GAATATCATTCTTTAATTGCCAAAGCAGACACACTTACACCAGAGGAATGCCAACAGTTTAAAAAGCAG
ATAATGAAAGAAATCCAAGAACATAAAATTAATATGAATTTCCAGAAACGGATGAAGAAGAGA
ATAAGCTGGTTAAGAAGATAAAGGACCGTTTACCTCTTGCTGTGGTGGTGAATACTATCATTGAAGT
TAATGGCAAAGAGTCAGAGGAAGGCAGTATCCTTGGGGTGTGGCTGAAGTTGAAAATGGTGAGCATTGT
GATTTTACAATTCTAAGAAATATGTTGATACGAACACACATGCAGGACTTAAAAGATGTTACCAATAACG
TACACTATGAGAACTACAGAAGCAGAAAAGTAGCAGCAGTGACCTACAATGGAGTAGATAACAACAAGAA
CAAAGGGCAACTTACCAAGAGCCCTCTGGCGCAGATGGAGGAGGAGAGAAGGGAGCACGTGGCCAAGATG
AAGAAGATGGAGATGGAGATGGAGCAGGTGTTGAGATGAAGGTCAAGGAAAAAGTTCAAAGCTGAAGG
ACTCTGAAGCCGAGCTCCAGCGGCCATGAGCAAATGAAAAAGAATTTAGAAGCACAGCACAAAGAATT
AGAGGAAAAACGTCGTCAGTTTGAAGAAGAAAAAGCAAAGCTGGGAAGCTCAACAACGTATTTAGAGCAA
CAGAATCTTCAAGAACCTTGGAAAAGAACAAGAAGAAAGCAAGATCTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001113740
Insert Size:	1314 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:	<ol style="list-style-type: none">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:	<u>NM_001113740.1</u> , <u>NP_001107212.1</u>
RefSeq Size:	2462 bp
RefSeq ORF:	1314 bp
Locus ID:	64551
Cytogenetics:	8q13
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]