

## Product datasheet for **RN200259**

### Sept9 (NM\_031837) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sept9 (NM_031837) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sept9
Synonyms:	Eseptin; Msf; Slpa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200259 representing NM\_031837  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCGACCCCGCGGTCAACGCACAGCTGGACGGATCATTTCAGACTTTGAAGCCTTAAGAGATCGT  
TTGAAGTCGAGGAGATTGAGCCGCCGAATCCACACCACCCGGAGGGTCCAGACCCTCTGCTCCGAGC  
CACGGTGGCCAGCTCCAGCCAGAAATCCAGGACTGGGGGTGAAGAACTCAGAGCCTGCTGCTCGCCTT  
GTAGACACCCTGAGCCAGCGCTCCCCAAGCCTCCCTGCGGAGGGTGGACCTGGCAGGGCCAAGGCGC  
CTGAGCCCATGTCTCGCCGACCGAGCTCTCCATTGATATCTCTCCAAGCAGGTGGAGACACAGCCTC  
AACCCCGGGCCCTCACGGTTCGGGCTTAAGAGGGCCGAAGTCTGGGCCATAAGACACCAGAGCCTGTC  
CCCCGGAGGACGAAATCACCATTGTCAAGCCTCAAGAGTCAGGGCTCCGCAGGGTAGAGACCCCTGCCT  
CCAAGGCTCCCGAGGGCTCTGCCATGCCTGTACCGATGCAGCCCCAAGAGGGTAGAGATCCAGGTGCC  
CAAGCCAGCGGAGCACCAACTGCCCGCTCCCACCCAGACCCTGGAGAACTCCGAGGCCCCGATGTCT  
CAGCTGCAGAGCAGGCTGGAGCCAGGCCCCCTGTGACTGAGGTCCCATATCGGAACCAGGAAGACTCCG  
AGGTGGCTCCAGCTGTGTTGGCGACATGGCTGACAACCCTAGAGATGCCATGCTCAAGCAAGCGCCCGT  
GTCGAGGAATGAGAAGGCCCCCGTGGACTTTGGCTATGTGGGGATCGACTCCATCCTGGAGCAGATGCGC  
AGGAAGGCTATGAAACAGGGCTTCGAGTTCAACATCATGGTGGTTGGGCAGAGTGGCCTCGGGAAGTCCA  
CCTTAATCAACACCCTCTCAAGTCCAAAATCAGCCGGAAGTCGGTGCAACCCATCTCGGAGGAGCGTAT  
CCCCAAGACGATTGAAATCAAGTCCATCACTCACGATATTGAAGAGAAGGGGGTCCGAATGAAGTTGACA  
GTGATTGACACTCCAGGCTTCGGGGACCACATCAACAATGAGAAGTCTGGCAGCCTATCATGAAGTTTA  
TCAATGACCAGTATGAGAAGTACCTCCAGGAGGAAGTCAATATCAACCGGAAGAAACGCATCCCTGACAC  
CCGCGTCCACTGCTGCCTCTACTTCATCCAGCCACCGGCCACTCACTCAGGCCCTGGACATTGAGTTC  
ATGAAGCGCCTAAGCAAGGTGGTGAACATAGTCCCGTCATTGCCAAGGCTGACACGCTGACCCTGGAGG  
AGAGGGTCTACTTCAAACAGCGGATCACCTCAGACCTGCTGTCCAACGGTATTGACGTGTACCCCGAGAA  
GGAGTTTGTGAGGACGCAGAGGACCGACTGGTGAACGAGAAGTTTCGGGAGATGATCCCATTTGCCGTG  
GTGGGCAGCGACCATGAGTATCAAGTCAATGGCAAGAGGATTCTGGGAAGGAAGACCAAGTGGGGCACCA  
TTGAAGTTGAGAATACCACTCACTGTGAATTTGCCTACCTGCGGGATCTCCTTATCAGGACGCACATGCA  
GAACATCAAAGACATCACCAGCAACATCCACTTGAAGCCTACCGTGTGAAACGCCTCAACGAGGGCAAC  
AGTGCCATGGCCAACGGGATCGAGAAGGAGCCGAAACCCAGGAGATG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_031837

**Insert Size:** 1731 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:** [NM\\_031837.2](#), [NP\\_114025.2](#)

**RefSeq Size:** 3754 bp

**RefSeq ORF:** 1731 bp

**Locus ID:** 83788

**UniProt ID:** [Q9QZR6](#)

**Cytogenetics:** 10q32.2

**Gene Summary:** a member of the septin family of genes involved in cytokinesis and required for the completion of cell division [RGD, Feb 2006]