

Product datasheet for **RN200258**

Sept9 (NM_176856) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sept9 (NM_176856) 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: >RN200258 representing NM_176856
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGAGAGATCGCATCACAGCCTTAAGAGATCGTTTGAAGTCGAGGAGATTGAGCCGCCGAAGCTCCA
CACCACCCCGGAGGGTCCAGACCCTCTGCTCCGAGCCACGGTGGCCAGCTCCAGCCAGAAATCCAGGA
CCTGGGGGTGAAGAACTCAGAGCCTGCTGCTCGCCTTGTAGACACCCTGAGCCAGCGCTCCCCAAGCCT
TCCCTGCGGAGGGTGGACCTGGCAGGGGCCAAGGCGCCTGAGCCCATGTCTCGCCGACCCGAGCTCTCCA
TTGATATCTCCTCAAGCAGGTGGAGAGCACAGCCTCAACCCCGGGCCCTCACGTTTCGGGCTTAAGAG
GGCCGAAGTCTGGGCCATAAGACACCAGAGCCTGTCCCCGGAGGACGGAAATCACCATTGTCAAGCCT
CAAGAGTCAGGGTCCGAGGGTAGAGACCCTGCCTCAAGGCTCCGAGGGCTCTGCCATGCCTGTCA
CCGATGCAGCCCCAAGAGGGTAGAGATCCAGGTGCCAAGCCAGCGGAGGCACCCAAGTCCCGCTCCC
ACCCAGACCCTGGAGAAGTCCGAGGCCCGATGTCTCAGCTGCAGAGCAGGCTGGAGCCAGGCCCCCT
GTGACTGAGGTCCATATCGGAACCAGGAAGACTCCGAGGTGGCTCCAGCTGTGTTGGCGACATGGCTG
ACAACCTAGAGATGCCATGCTCAAGCAAGCGCCCGTGTGAGGAATGAGAAGGCCCCCGTGGACTTTGG
CTATGTGGGGATCGACTCCATCCTGGAGCAGATGCGCAGGAAGGCTATGAAACAGGGCTTCGAGTTCAAC
ATCATGGTGGTTGGGAGAGTGGCCTCGGGAAGTCCACCTTAATCAACACCCTCTTCAAGTCCAAAATCA
GCCGAAGTGGTGAACCCATCTCGGAGGAGCGTATCCCAAGACGATTGAAATCAAGTCCATCACTCA
CGATTTGAAGAGAAGGGGTCCGAATGAAGTTGACAGTGATTGACACTCCAGGCTTCGGGGACCATC
AACATGAGAAGTGTGTCAGCCTATCATGAAGTTTATCAATGACCAGTATGAGAAGTACCTCCAGGAGG
AAGTCAATCAACCCGAAGAAACGCATCCCTGACACCCGCTCCACTGCTGCCTCTACTTCATCCCAGC
ACCCGGCCACTCACTCAGGCCCTGGACATTTAGTTTCATGAAGCGCTAAGCAAGGTGGTGAACATAGTC
CCCGTCATTGCCAAGGCTGACACGCTGACCCTGGAGGAGAGGGTCTACTTCAAACAGCGGATCACCTCAG
ACCTGCTGTCCAACGGTATTGACGTGTACCCCCAGAAGGAGTTTGTGAGGACGCAGAGGACCGACTGGT
GAACGAGAAGTTTCGGGAGATGATCCCATTTGCCGTGGTGGGAGGACCATGAGTATCAAGTCAATGGC
AAGAGGATTCTGGGAAGGAAGACCAAGTGGGGACCATTTGAAGTTGAGAATACCACTCACTGTGAATTTG
CCTACCTGCGGGATCTCCTTATCAGGACGCACATGCAGAACATCAAAGACATCACCAGCAACATCCACTT
CGAAGCCTACCGTGTGAAACGCCTCAACGAGGGCAACAGTGCCATGGCCAACGGGATCGAGAAGGAGCCG
GAAACCCAGGAGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_176856

Insert Size: 1698 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_176856.2](#), [NP_789826.2](#)

RefSeq Size: 3873 bp

RefSeq ORF: 1698 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]