

Product datasheet for **RN200260**

Sept9 (NM_001113497) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sept9 (NM_001113497) 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
Fully Sequenced ORF: >RN200260 representing NM_001113497
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGACAACCCTAGAGATGCCATGCTCAAGCAAGCGCCCGTGTGCGAGGAATGAGAAGGCCCCCGTGG
ACTTTGGCTATGTGGGATCGACTCCATCCTGGAGCAGATGCCAGGAAGGCTATGAAACAGGGCTTCGA
GTTCAACATCATGGTGGTTGGGCAGAGTGGCCTCGGGAAGTCCACCTTAATCAACACCCTTCAAGTCC
AAAATCAGCCGGAAGTCGGTGCAACCCATCTCGGAGGAGCGTATCCCAAGACGATTGAAATCAAGTCCA
TCACTCAGATATTGAAGAGAAGGGGTCCGAATGAAGTTGACAGTGATTGACTCCAGGCTTCGGGGA
CCACATCAAAATGAGAACTGCTGGCAGCCTATCATGAAGTTTATCAATGACCAGTATGAGAAGTACCTC
CAGGAGGAAGTCAATATCAACCGGAAGAAACGCATCCCTGACACCCGCGTCCACTGCTGCCTCTACTTCA
TCCCAGCCACCGGCCACTCACTCAGGCCCTGGACATTGAGTTCATGAAGCGCCTAAGCAAGGTGGTGAA
CATAGTCCCGTCATTGCCAAGGCTGACACGCTGACCCGGAGGAGGGTCTACTTCAAACAGCGGATC
ACCTCAGACCTGCTGTCCAACGGTATTGACGTGTACCCCAAGAGGAGTTTGTGAGGACGCAGAGGACC
GACTGGTGAACGAGAAGTTTCGGGAGATGATCCATTTGCCGTTGGCAGCAGCATGAGTATCAAGT
CAATGGCAAGAGGATTCTGGGAAGGAAGACCAAGTGGGGCACTTGAAGTTGAGAATACCACTCACTGT
GAATTTGCCTACCTGCGGGATCTCCTTATCAGGACGCACATGCAGAACATCAAAGACATCACCAGCAACA
TCCACTTCGAAGCCTACCGTGTGAAACGCCTCAACGAGGGCAACAGTGCCATGGCCAACGGGATCGAGAA
GGAGCCGGAACCCAGGAGATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001113497



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Insert Size:	1005 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_001113497.1</u> , <u>NP_001106969.1</u>
RefSeq Size:	2866 bp
RefSeq ORF:	1005 bp
Locus ID:	83788
UniProt ID:	<u>Q9QZR6</u>
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]