

Product datasheet for **RR200260**

Sept9 (NM_001113497) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sept9 (NM_001113497) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sept9
Synonyms: Eseptin; Msf; Slpa
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200260 representing NM_001113497
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGACAACCCTAGAGATGCCATGCTCAAGCAAGCGCCCGTGTGCGAGGAATGAGAAGGCCCCCGTGG
ACTTTGGCTATGTGGGATCGACTCCATCCTGGAGCAGATGCCGAGGAAGGCTATGAAACAGGGCTTCGA
GTTCAACATCATGGTGGTTGGGCAGAGTGGCCTCGGGAAGTCCACCTTAATCAACACCCTTCAAGTCC
AAAATCAGCCGGAAGTCGGTGCAACCCATCTCGGAGGAGCGTATCCCAAGACGATTGAAATCAAGTCCA
TCACTCAGATATTGAAGAGAAGGGGTCCGAATGAAGTTGACAGTGATTGACACTCCAGGCTTCGGGGA
CCACATCAACAATGAGAAGTCTGGCAGCCTATCATGAAGTTTATCAATGACCAGTATGAGAAGTACCTC
CAGGAGGAAGTCAATATCAACCGGAAGAAACGCATCCCTGACACCCGCGTCCACTGCTGCCTCTACTTCA
TCCCAGCCACCGGCCACTCACTCAGGCCCTGGACATTGAGTTCATGAAGCGCCTAAGCAAGGTGGTGAA
CATAGTCCCGTCAATTGCCAAGGCTGACACGCTGACCCGAGGAGAGGGTCTACTTCAAACAGCGGATC
ACCTCAGACCTGCTGTCCAACGGTATTGACGTGTACCCCAAGAGGAGTTTGTGAGGACGCAGAGGACC
GACTGGTGAACGAGAAGTTTCGGGAGATGATCCCATTTGCCGTTGGGCAGCAGCATGAGTATCAAGT
CAATGGCAAGAGGATTCTGGGAAGGAAGACCAAGTGGGGCACTTGAAGTTGAGAATACCACTCACTGT
GAATTTGCCTACCTGCGGGATCTCCTTATCAGGACGCACATGCAGAACATCAAAGACATCACCAGCAACA
TCCACTTCGAAGCCTACCGTGTGAAACGCCTCAACGAGGGCAACAGTGCCATGGCCAACGGGATCGAGAA
GGAGCCGGAACCCAGGAGATG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR200260 representing NM_001113497
 Red=Cloning site Green=Tags(s)

MADNPRDAMLKQAPVSRNEKAPVDFGYVGIDSILEQMRRKAMKQGFNFNIMVVGQSGLGKSTLINTLFKS
 KISRKSVQPISEERIPKTIIEIKSITHDIEEKGVRMKLTVIDTPGFGDHINNENCWQPIMKFINDQYEKYL
 QEEVNINRKKRIPDTRVHCCLYFIPATGHSLRPLDIEFMKRLSKVVNIIVPIAKADTLTLEERVYFKQRI
 TSDLLSNGIDVYPQKEFDEDAEDRLVNEKFRMIPFAVVGSDHEYQVNGKRILGRKTKWGTIEVENTHC
 EFAYLRDLLIRTHMQNIKDITSNIHFAYRVKRLNEGNSAMANGIEKEPETQEM

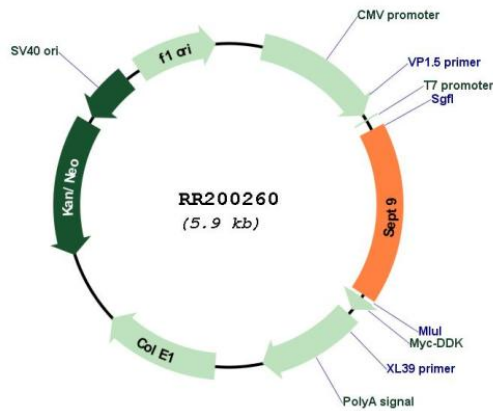
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001113497

ORF Size: 1002 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001113497.1 , NP_001106969.1
RefSeq Size:	2866 bp
RefSeq ORF:	1005 bp
Locus ID:	83788
UniProt ID:	Q9QZR6
Cytogenetics:	10q32.2
MW:	38.6 kDa
Gene Summary:	a member of the septin family of genes involved in cytokinesis and required for the completion of cell division [RGD, Feb 2006]