

## Product datasheet for **MC219294**

### Sept9 (NM\_001113486) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sept9 (NM_001113486) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sept9
Synonyms:	Msf; MSF1; PNUTL4; Sint1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219294 representing NM\_001113486  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGAAGTCTACTCAGGAGTCACACGGACCTCCAGCGGTGCGCTCCGGAGGCTTGGGATCCCCTG  
 GCCCAGCCTTAAAGAGATCGTTTGAAGTCGAGGAGATTGAGCCGCCCAACTCCACGCCACCCCGGAGGGT  
 CCAGACCCTCTGCTCCGCGCCACGGTGGCCAGCTCCAGCCAGAAATTCAGGACCTGGGGTGAAGAAC  
 TCAGAGCCCGCTGCCGCCTTGTAGACTCCCTGAGCCAGCGCTCCCCAAGCCTTCCCTGCGGAGGGTGG  
 AGCTGGCGGGAGCCAAGGCGCTGAGCCCATGTCTCGACGCACAGAGATCTCCATCGACATCTCTCCAA  
 GCAGGTGGAGAGCACGGCTCCGCTGCCGGGCCCTCACGGTTCGGCTTAAAGAGGGCTGAAGTCTGGGC  
 CACAAGACCCAGAGCCTGTCCCTCGGAGGACGGAGATCACCATTGTCAAGCCTCAGGAGTCAGTGTCTC  
 GCAGGGTGGAGACCCCTGCCTCAAGATTCCCAGGGCTCTGCCGTGCCACAGATGCAGCCCCCAA  
 GAGGGTAGAGATCCAGGTGCCAAGCCAGCTGAGGCACCAACTGTCCGCTCCCGTCCCAGACCCTGGAG  
 AACTCCGAGGCCCGATGTCTCAACTGCAGAGCAGGCTGGAGCCAGGCCCTCCGTGGCTGAGGTCCCAT  
 ATCGGAACCAGGAAGACTCCGAGGTGACTCCAGCTGTGTTGGCGACATGGCTGACAACCTAGAGATGC  
 CATGCTCAAGCAGGCCCCCGCTCACGGAACGAAAAGGCCCCATGGAGTTCCGGCTATGTGGGGATCGAC  
 TCCATCTGGAGCAGATGCGCAGGAAGGCTATGAAACAGGGCTTCGAGTTAACATCATGGTGGTTGGGC  
 AGAGCGGCCTCGGGAAGTCCACTTAAATCAATACCCTCTCAAGTCCAAAATCAGCCGGAAGTCGGTGCA  
 GCCCACCCTCGGAGAACGCATCCCCAAGACGATCGAAATCAAGTCGATCACCCACGATTTGAAGAGAAG  
 GGGGTTCAAGTGAAGTCAAGTACAGTACACGCGGGCTTCGGAGACCACATCAACAATGAGAAGTGT  
 GGCAGCCATTATGAAGTTCATCAATGACCAATATGAGAAGTACCTGCAGGAGGAAGTCAACATCAACCG  
 GAAGAAGCGCATTCCCGACACCCGTGTCCACTGCTGCCTTACTTCATCCAGCCACCGGCCACTCGCTC  
 AGGCCCTGGACATTGAATTCATGAAGCCCTAAGCAAAGTGGTGAACATTGTCCAGTCATCGCCAAGG  
 CTGACACGCTGACCTGGAGGAGAGGGTCTACTTCAAACAGCGGATCACTGCAGACCTGTGTCCAACGG  
 CATTGACGTGTACCCGCAGAAGGAGTTTGTGAGGACGCAGAAGACCGGCTGGTGAACGAAAAGTCCGG  
 GAGATGATCCATTTGCTGTGGTGGCAGCGACCATGAGTATCAAGTCAATGGCAAGAGGATTCTGGAA  
 GGAAGACCAAGTGGGCACTATCGAAGTTGAGAATACCACTCACTGTGAATTTGCTTACCTGCGGGATCT  
 CCTTATCAGGACGCACATGCAAAACATCAAAGACATCACAGCAACATCCACTTCGAAGCCTACCGAGT  
 AAACGCCTCAACGAGGGCAACAGCGCCATGGCCAAACGGGATCGAGAAGGAGCCGGAAGCCAGGAGATG  
 AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001113486

**Insert Size:** 1752 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\\_001113486.1](#), [NP\\_001106958.1](#)

**RefSeq Size:** 3616 bp

**RefSeq ORF:** 1752 bp

**Locus ID:** 53860

**UniProt ID:** [Q80UG5](#)

**Cytogenetics:** 11 82.61 cM

**Gene Summary:** Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). [UniProtKB/Swiss-Prot Function]