

## Product datasheet for **MC209947**

### Sept9 (NM\_017380) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sept9 (NM\_017380) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sept9  
**Synonyms:** Msf; MSF1; PNU TL4; Sint1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209947 representing NM\_017380  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGACAACCCTAGAGATGCCATGCTCAAGCAGGCCCGCGTCACGGAACGAAAAGGCCCCCATGG  
AGTTCGGCTATGTGGGATCGACTCCATCCTGGAGCAGATGCCGAGGAAGGCTATGAAACAGGGCTTCGA  
GTTTAACATCATGGTGGTTGGGCAGAGCGCCTCGGGAAGTCCACTTTAATCAATACCCTCTCAAGTCC  
AAAATCAGCCGGAAGTCCGTGCAGCCACCTCGGAGGAACGCATCCCAAGACGATCGAAATCAAGTCGA  
TCACCCACGATATTGAAGAGAAGGGGTTTCAATGAAGCTGACAGTGATTGACACGCCGGCTTCGGAGA  
CCACATCAAAATGAGAACTGCTGGCAGCCATTATGAAGTTCATCAATGACCAATATGAGAAGTACCTG  
CAGGAGGAAGTCAACATCAACCGGAAGAAGCGCATTCCCGACACCCGTGTCCTACTGCTCTACTTCA  
TCCCAGCCACCGCCACTCGCTCAGGCCCTGGACATTGAATTCATGAAGCGCCTAAGCAAAGTGGTGAA  
CATTGTCCCAGTCATCGCCAAGGCTGACACGCTGACCCCTGGAGGAGAGGGTCTACTTCAAACAGCGGATC  
ACTGCAGACCTGCTGTCCAACGGCATTGACGTGTACCCGACAGAGGAGTTTGTGAGGACGACAGAAC  
GGCTGGTGAACGAAAAGTCCGGGAGATGATCCCATTTGCTGTGGTGGCAGCGACCATGAGTATCAAGT  
CAATGGCAAGAGGATTCTGGGAAGGAAGACCAAGTGGGGCACTATCGAAGTTGAGAATACCACTCACTGT  
GAATTTGCTTACCTGCGGGATCTCCTTATCAGGACGCACATGCAAAACATCAAAGACATCACCAGCAACA  
TCCACTTCGAAGCCTACCGAGTGAAACGCCTCAACGAGGGCAACAGCGCCATGGCCAACGGGATCGAGAA  
GGAGCCGGAAGCCAGGAGATGTAG

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_017380



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<b>Insert Size:</b>	1005 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_017380.2</a></u> , <u><a href="#">NP_059076.1</a></u>
<b>RefSeq Size:</b>	2946 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	53860
<b>UniProt ID:</b>	<u><a href="#">Q80UG5</a></u>
<b>Cytogenetics:</b>	11 82.61 cM
<b>Gene Summary:</b>	Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). [UniProtKB/Swiss-Prot Function]