

Product datasheet for **MC209960**

Sept1 (NM_017461) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sept1 (NM_017461) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sept1
Synonyms: Diff6; Pnutl3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209960 representing NM_017461
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACAAGGAATATGTGGGCTTTGCTGCCCTGCCAACCAGCTGCATCGCAAGTCTGTCAAGAAGGGT
TTGACTTCACACTCATGGTGGCAGGGGAGTCAGGCCTGGGAAAATCCACCCTCATCAACAGCTTGTTCCT
CACCAACCTCTACGAGGATCGGCAGGTGCCAGATGCCAGTGCTCGCACGGCACAAACTCTGACCATTGAG
CGCCGGGGTGTGGAGATTGAGGAGGGAGGTATCAAGGTGAAGTTGACCTTGGTGGACACGGCTGGCTTTG
GGGACTCTGTGGACTGCTCAGACTGCTGGCTGCCTGTGGTTTCGCTTCATTGAGGAGCAGTTTGTGCAATA
CCTCAGGGATGAGAGTGGCTTGAACAGGAAGAACATCCAGGATCCAGAGTCCATTGCTGCCTCTACTTC
ATCTCACCTTTGGCCGAGGGCTCCGGCCCTAGATGTGGCTTTCCTCCGGGCAGTGCACGAGAAAGTCA
ATATCATCCCGGTCATCGGTAAGCAGACGCCCTGATGCCTAGGGAGACTCAGGCCCTCAAGCAGAAGAT
CCGGGACCAGTTGAAAGAGGAGGAGATCAACATCTATCAGTCCAGAGTGTGACTCTGATGAGGACGAA
GAATTCAGAAGCAGAATGAAGAAATGAAGGAAAACATCCCTTCGCAGTCGTTGGGTCTGTGAAGTGG
TGAGGGATGGAACCCGACCAGTGAGGGGAAGACGCTACTCTGGGGTACCGTGGAGGTGGAGAACCCACA
TCACTGCGATTTCTGAACCTGAGGCGGATGTTGGTGCAGACCCACCTTCAGGACTTGAAGAGGTGACC
CACGATCTGCTCTACGAGGGCTACCGGGCTCGCTGCCTACAGAGTCTGGCTCGACCTGGGCCCCGGGATC
GAGCCAGCCGAGCAAGCTTCCCGGCAAAGTGCCACAGAGATCCCGCTGCCATGTTGCCTCTGGCTGA
CACTGAAAAGTTGATTCGCGAGAAGGACGAAGAGCTGCGCCGATGCAAGAAATGCTGGAGAAGATGCAA
GCCAGATGCAGCAGAGCCAGGCTCAGGGCGAGCAATCAGATGTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017461



Insert Size:	1101 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_017461.2, NP_059489.2</u>
RefSeq Size:	1466 bp
RefSeq ORF:	1101 bp
Locus ID:	54204
UniProt ID:	<u>P42209</u>
Cytogenetics:	7 F3
Gene Summary:	Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). [UniProtKB/Swiss-Prot Function]