

## Product datasheet for **MC216027**

### Sept10 (NM\_001024910) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sept10 (NM_001024910) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sept10
Synonyms:	4921515A04Rik; 9430099J10Rik; AA408298; A1874685
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216027 representing NM\_001024910  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCTCATGCGACGAGATAAAAGAGCATCCCCGCTCCTGTCTATGTGTGGCCATGTTGGTTTTGAAA  
GCTTACCTGATCAGCTGGTCGATAGATCCATTGAGCAAGGCTTCTGTTTCAATATTCTCTGTGTGGGGGA  
GACTGGAATTGGAATAACAACACTGATTAAACATTGTTTAATACTAATTTTGAAGAAGCAATGTTGCTTGAAC  
CATTTTTGTCCATGTGTTAGACTTAGAGCTCAGACATATGAACCTCAGGAAAGCAATGTTGCTTGAAC  
TGACCATTGTAATACAGTGGGCTTTGGTGACCAATCAATAAAGAAGACAGCTATCAACCAATAGTTGA  
TTACATAGATGATCAATTTGAGGCTATCTTCAGGAAGAAGTGAAGATCAAGCGTCTCTTTTAACTAC  
CATGACTCTCGTATCCATGTGTGCCTCTACTTCATTGCTCGACAGGCCATTCTCTAAGGACTTGACC  
TCTTAACCATGAAGAGCCTGGACAACAAGGTGAACATTATACCACTTATTGCCAAGGCAGATACAATTTT  
TAAGAGTGAATTACAGAAGTTTAAAGATGAAGCTCATGAATGAACCTGGTCAATGGTGTTCAGATATAT  
CAGTTTCCAACAGATGATGACACGACCTCCAAGATCAATGGAGCAATGAACGGCCATTTGCCATTTGCTG  
TTGTTGGAAGTATGGATGAGATAAAAGTTGAAAATAAGATGGTGAAGGTCGTCAGTATCCTTGGGGTAT  
CGTACAAGTGGAAAATGAAAATCACTGTGACTTTGTAAAGCTACGGGAAATGCTTATTTGCAAAACATG  
GAGGATCTACGGGAGCAGACACATATGAGGCACTATGAGCTGTACAGGCGCTGCAAACTGCAGGAGATGG  
GCTTTGTAGATATGGGCCAGAGAACAAGCCCTCAGTCTTCAAGAGACGATGAAGCCAAAAGACACGA  
GTTCTATGGTGAGCGTCAGAGGAAGGAAGAGCAGATGAAGCAGATGTTTGTGCAGCGGTCAAGGAGAAA  
GAAGCCATTCTGAAGGAAGCGGAAAGAGAGCTTCAGGCCAAATTTGAGCACCTCAAAGAATTCATCAGG  
AAGAGAGAATGAACTTGAAGAAAAGAGAAGAATGTTGGAGGAAGAATCGGTTGCTTTTGTCTAAGAAGAA  
AGCTACCTGTGAGCTGTTCCCGAACCAAGCATTGTTGGCGTCAGGTAGCAGCATTAGGAAGGACAAAGAC  
CGAAAGAAGGCTGATGGAGCTTCAGCTTTTTCGACTGCTTAACAGCACAAAGAGAGCGTGAGACTGTGTA  
TTTCTTCCCGAGAAAAGACATGGATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001024910

**Insert Size:** 1359 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\\_001024910.3](#), [NP\\_001020081.2](#)  
RefSeq Size: 1821 bp  
RefSeq ORF: 1359 bp  
Locus ID: 103080  
UniProt ID: [Q8C650](#)  
Cytogenetics: 10 B4  
Gene Summary: Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential).  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longer protein (isoform 1).