

## Product datasheet for **MG206843**

### Sept11 (NM\_001009818) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sept11 (NM\_001009818) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Sept11  
**Synonyms:** 6230410I01Rik; AW548875; D5Ertd606e  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206843 representing NM\_001009818  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGTGGCGGTGGGAGACCGAGTAATGAAGAGCTGCGAACTTATCACTTTCTGGCCATGTTGGAT  
 TTGACAGTCTGCCGACCAGCTGGTCAACAAATCCACTTCTCAAGGATTCTGTTTCAACATCCTGTGCGT  
 GGGTGAGACAGGTATTGGCAAATCCACATTGATGGACACTTTATTCAACACCAAATTTGAAAGTGACCCA  
 GCTACTACAACGAGCCAGGCGTCCGGTAAAAGCCAGAAGCTATGAACTCCAGGAAAGCAACGTACGGC  
 TGAAGCTAACAATCGTTGACACAGTGGGATTTGGAGACCAGATTAATAAAGATGACAGCTATAAGCCTAT  
 AGTGGAATACATTGACGCCAGTTTGGGCCTACTTGCAAGAAGAATTGAAAATTAACGTTCTCTCTTC  
 AACTATCATGACACAAGGATTCACGCCTGCCTTTACTTTATCGCCCCACGGGACATTCAGTGAAGTCCC  
 TGGACCTGGTCACCATGAAGAAGCTGGACAGCAAGGTGAACATCATCCCGATCATCGCGAAAGCCGACAC  
 CATCGCCAAAAACGAATTGCACAAATTCAGAGTAAGATCATGAGTGAAGTAGTTAGCAACGGAGTCCAG  
 ATATATCAGTTCCCCACAGATGAGGAAACAGTGGCAGAGATTAACGCAACGATGAGTGTCCATCTCCAT  
 TCGCAGTGGTCCGCAGTACTGAAGAGTCAAGATTGGCAACAAGATGGCGAAGGCCAGGCAGTACCCCTG  
 GGGTGTGGTGCAGGTTGAGAACGAAAACCACTGTGATTTTGTGAAGCTGCGGGAGATGCTGATCCGAGTG  
 AACATGGAGGACCTGCGAGAGCAGACGCACTCGCCACTACGAGTTGTATCGGCCGTGCAAGCTTGAGG  
 AGATGGGCTTCAAGGACACGGACCCCGACAGCAAGCCCTTCAGTCTTCAGGAGACCTACGAAGCAAGAG  
 GAACGAGTTCTGGGGAGCTACAGAAGAAAGAGGAGGAGATGAGACAGATGTTCTGTCATGAGGGTGAAG  
 GAGAAAGAGGCGGAGCTCAAGGAGGCAGAAAAAGAGCTTCATGAGAAGTTCGACCTCCTGAAGCGGACTC  
 ACCAAGAGGAGAAGAAGAAGGTGGAAGATAAGAAGAAGGAGCTTGAGGAGGAGGTGAGCAACTTCCAGAA  
 AAAGAAGGCGCGGCTCAGCTCTTGCAATCCCAGGCCAGCAGTCTGGGGCCAGCAAACCAAGAAGGAC  
 AAGGATAAGAAAAATGCAAGCTTCGCA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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Protein Sequence: >MG206843 representing NM\_001009818  
 Red=Cloning site Green=Tags(s)

MAVAVGRPSNEELRNLSLSGHVGFDSLDPDQLVNKSTSQGFCFNILCVGETGIGKSTLMDTLFNTKFESDP  
 ATHNEPGVRLKARSYELQESNRLKLTIVDTVGFQDQINKDSSYKPIVEYIDAQFEAYLQEELKIKRSLF  
 NYHDTRIHACL YFIAPTGHSLKSLDLVTMKKLDSKVNIIPIIAKADTI AKNELHKFKSKIMSELVSNVQ  
 IYQFPTDEETVAEINATMSVHL PFAVVGSTEEVKIGNKMAKARQYPWGVVQVENENHCDFVKLREMLIRV  
 NMEDLREQTHTRHYEL YRRCKLEEMGFKDTPDSKPFSLQETYEAKRNEFLGELQKKEEEMRQMFVVRVK  
 EKEAELKEAEKELHEKFDLLKRTHQEEKKKVEDKKKELEEEVSNFQKKKAAAQLLQSQAAQSGAQQTKKD  
 KDKKNASFA

TRTRPLE – GFP Tag – V

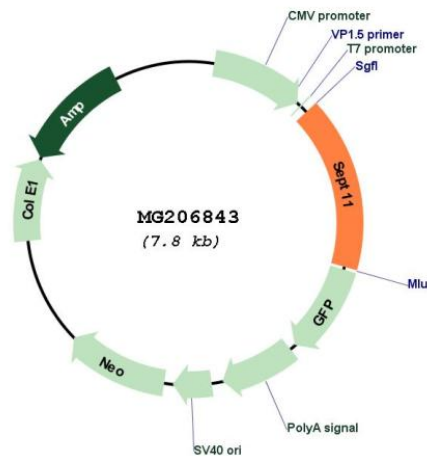
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM\_001009818

<b>ORF Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001009818.2</a>
<b>RefSeq Size:</b>	5123 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	52398
<b>UniProt ID:</b>	<a href="#">Q8C1B7</a>
<b>Cytogenetics:</b>	5 47.29 cM
<b>Gene Summary:</b>	Filament-forming cytoskeletal GTPase. May play a role in cytokinesis (Potential). May play a role in the cytoarchitecture of neurons, including dendritic arborization and dendritic spines, and in GABAergic synaptic connectivity (By similarity).[UniProtKB/Swiss-Prot Function]