

Product datasheet for MC202429

Sept11 (NM_001009818) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sept11 (NM_001009818) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sept11
Synonyms:	6230410I01Rik; AW548875; D5Ertd606e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC064466 sequence for NM_001009818

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GGGAGCCGGGCGGAGCAGGGCGCAGCCGCGAGGGAGGCGGGGGAGGCCAGCGGGAGCCGGAGCACCA
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 AA AAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
 ACCN: NM_001009818
 Insert Size: 1290 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:	BC064466 , AAH64466
RefSeq Size:	5123 bp
RefSeq ORF:	1290 bp
Locus ID:	52398
UniProt ID:	Q8C1B7
Cytogenetics:	5 47.29 cM
Gene Summary:	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] Transcript Variant: This variant (3) differs in the 3' UTR and coding sequence compared to variant 4. The resulting isoform (3) has a shorter and distinct C-terminus compared to isoform 4. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.