

## Product datasheet for MC209199

### Sept5 (NM\_213614) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sept5 (NM_213614) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sept5
Synonyms:	Cdcrel-1; Cdcrel1; Pnutl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209199 representing NM_213614 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGCACAGGACTGCGGTACAAAAGCAAGCTGGCGACCCAGAGGACAAACAGGACATCGACAAGCAGT  
ACGTTGGCTTCGCCACACTGCCAACAGGTGCACCGCAAGTCCGTCAAGAAAGGTTTCGACTTCACGCT  
CATGGTGGCCGGTGAAGTCCGGCCTGGGGAAGTCCACCCTTGTCATAGCCTCTTTCTGACCGACCTGTAT  
AAGGACCGGAAACTGCTGAGTGTGAGGAACGCATCAACCAGACGGTAGAGATCCTGAAACACACCGTCG  
ACATTGAGGAGAAGGGGTCAAGTTAAAGCTCACCATTGTGGACACGCCCGGCTTTGGGGACCGGTGAA  
CAACTCTGAATGTTGGAAGCCATCACTGACTATGTGGACCAGCAGTTTGAGCAGTATTTCCGTGATGAG  
AGTGGCCTGAACCGCAAGAACATCCAGGACAACCGGTACACTGCTGCCTGTACTTCATCTCCCCGTTTCG  
GACACGGACTGAGGCCAGTGGATGTAGGCTTCATGAAGGCACTGCATGAGAAGGTGAACATCGTCCCACT  
CATCGCCAAAGCTGACTGCCTGGTGCACAGTGAGATCCGGAAGCTGAAGGACAGAATACGTGAGGAGATC  
GACAAGTTTGGGATCCACGTGTACCAGTTCCAGAATGTGATTCGGATGAAGATGAAGACTTCAAGCAAC  
AGGACCGGGAACGAAGGAAAGTGCACCCCTCGCCGTTATTGGCAGCAACACTGTGGTGGAGGCCAAGGG  
GCAGCGGGTCCGGGGGCGACTGTACCCCTGGGGGATCGTGAAGTGGAGAATCAGGCGCACTGCGACTTT  
GTGAAGCTCCGCAACATGCTCATCCGCACTCACATGCACGACCTCAAAGATGTGACGTGCGACGTGCACT  
ATGAGAATACCGTGCCTGCACTGCATCCAGCAGATGACCAGCAAACCTACCCAGGACAGCCGATGGAGAG  
CCCCATTCTATCCTCCCACTACCCACACCGGATGCGGAGACCGAGAAGCTCATCAGGATGAAGGATGAA  
GAGCTAAGGCGCATGCAGGAGATGTTGCAGAAGATGAAGCAGCAAATGCAAGACCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_213614



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<b>Insert Size:</b>	1110 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_213614.2</a></u> , <u><a href="#">NP_998779.2</a></u>
<b>RefSeq Size:</b>	2155 bp
<b>RefSeq ORF:</b>	1110 bp
<b>Locus ID:</b>	18951
<b>UniProt ID:</b>	<u><a href="#">Q9Z2Q6</a></u>
<b>Cytogenetics:</b>	16 11.53 cM
<b>Gene Summary:</b>	Filament-forming cytoskeletal GTPase (By similarity). Involved in cytokinesis (Potential). May play a role in platelet secretion.[UniProtKB/Swiss-Prot Function]