

Product datasheet for **RN205429**

Sept3 (NM_019375) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sept3 (NM_019375) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sept3
Synonyms:	Sep3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205429 representing NM_019375 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCCAAAGGGCTCCCAGAGGCTAGGACGGACACAGCCATGTCAGAGCTGGTCCCCGAGCCCAGGCCTA
AGCCGGCGGTGCCATGAAGCCGGTCAGCATCACTCCAACCTACTAGGCTGCATTGGCATTGACACCAT
TATCGAACAGATGCGCAAGAAGACCATGAAGACTGGTTTTGACTTCAACATCATGGTCGTTGGCCAGAGT
GGACTGGGCAAGTCGACGCTGGTCAACACACTATTCAAGTCTCAAGTGAGCCGGAAGGCCTCCAGCTGGA
ACCGGGAGGAGAAGATCCCGAAGACAGTGGAGATCAAAGCGATTGGGCATGTGATAGAGGAAGGTGGTAT
CAAAATGAAGCTGACGGTCATCGACACGCCAGGCTTTGGAGACCAGATCAACAATGAAAACCTGCTGGGAG
CCCATTGAGAAGTACATCAATGAACAGTATGAAAAGTTCTCTCAAAGAGGAGGTTAATATTGCCAGGAAGA
AGCGCATCCCTGACACCCGGGTCCACTGCTGCCTCTACTTCATCTCCCCAACGGGACACTCCTTACGACC
ACTTGATCTTGAGTTCATGAAACACCTCAGCAAAGTGGTGAACGTCATTCTGTGATTGCCAAGGCTGAC
ACCATGACCCTGGAGGAGAAGTCTGAATTCAAGCAGAGGGTTCGCAAAGAGCTTGAAGTAAACGGCATTG
AGTTCTACCCTCAGAAGGAGTTTGATGAGGATTTGGAGGACAAGACAGAGAATGACAAAATCCGGCAGGA
GAGCATGCCCTTCGCGGTGGTGGGAGTGACAAGGAGTACCAAGTGAATGGCAAGAGGGTCCTCGGGAGA
AAAACACCCTGGGGGATCATCGAAGTCGAAAACCTCAACCACTGTGAGTTGCCCTGCTTCGAGACTTCG
TCATCAGGACTCACCTCCAGGACCTCAAAGAAGTAACACACAACATCCACTATGAAACTTACAGGGCCAA
GAGGCTCAATGACAATGGAGGCCTCCCTCCGGGAGAAGGCCTCCTGGGCACTGTCTTCCACCTGTGCCA
GCCACCCCTGCCCCACCGCTGA**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019375
Insert Size:	1077 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:	<u>NM_019375.1</u> , <u>NP_062248.1</u>
RefSeq Size:	1108 bp
RefSeq ORF:	1077 bp
Locus ID:	56003
UniProt ID:	<u>Q9WU34</u>
Cytogenetics:	7q34
Gene Summary:	GTPase enzyme that is a substrate for type I cGMP-dependent protein kinase [RGD, Feb 2006]