

Product datasheet for **RN209500**

Sept5 (NM_053931) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sept5 (NM_053931) Rat Untagged Clone
Tag: Tag Free
Symbol: Sept5
Synonyms: CDCrel-1; CDCrel-1A; Pnutl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209500 representing NM_053931
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTACTGGCAGCACCCAGGACCGCTGGTGGAGCAGCTGCTGTCGCCGCGCACCCAGGCCAGA
GGCGGCTCAAGGACATCGACAAGCAGTACGTTGGCTTCGCTACACTGCCCAACCAGGTGCACCGCAAGTC
AGTCAAGAAGGGTTTCGACTTCACACTCATGGTAGCCGGTGGAGTCCGGCCTGGGGAAGTCTACCCTTGTC
CACAGTCTCTTCCTGACTGACCTGTACAAGACCAGGAACTGCTGAGTGTGAGGAACGCATCAACCAGA
CAGTAGAGATCCTGAAACACACTGTTGACATCGAGGAGAAGGGAGTCAAGCTGAAGCTCACCATCGTGGGA
CACGCCCGGCTTTGGGATGCAGTGAACAACCTCGAGTGTGGAAGCCCATCACTGACTATGTAGACCAG
CAGTTTGAACAGTATTTCCGTGATGAAAGCGGCCCTCAACCGAAGAACATCCAGGACAACCGGGTGCCT
GCTGCCTACTTCATCTCCCCCTTCGGACATGGATTGAGGCCAGTGGACGTAGGCTTCATGAAGGCGCT
GCACGAGAAGGTGAACATCGTTCACACTCATCGCCAAAGCCGACTGCCTGGTTCACAGTGAATCCGGAAG
CTGAAGGACAGGATACGAGAGGAGATCGACAAGTTTGGGATCCACGTGTACCAGTTCCAGAATGTGACT
CAGATGAAGATGAAGACTTCAAGCAGCAGGACCGGGAACGAAGGAAAGTCTCCCTTCGCCGTTATCGG
CAGCAACACTGTGGTGGAGGCCAAGGGGCAGCGGTCCGGGGGCGACTGTACCCCTGGGGGATCGTCGAA
GTGGAGAATCAGGCGCACTGCGATTTCTGTAAGCTACGCAACATGCTGATCCGCACGCACATGCACGACC
TCAAAGACGTGACGTGCGATGTGCACTATGAGAACTACCGTGCTCACTGCATCCAGCAGATGACCAGCAA
ACTCACGCAGGACAGCCGCATGGAGAGCCCATCCCTATCCTCCCACTGCCACACCAGATTCGGAGACC
GAGAAGCTCATCAGGATGAAGGATGAAGAGCTGAGGCGCATGCAGGAGATGTTGCAGAAGATGAAGCAGC
AAATGCAGGACCAGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053931
Insert Size:	1137 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:	<u>NM_053931.4, NP_446383.4</u>
RefSeq Size:	3663 bp
RefSeq ORF:	1137 bp
Locus ID:	116728
Cytogenetics:	11q23
Gene Summary:	member of the septin gene family; may regulate cytoskeletal organization [RGD, Feb 2006]