

Product datasheet for **RR201878**

Snapc1 (NM_001108033) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snapc1 (NM_001108033) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snapc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201878 representing NM_001108033
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTCTGCGGGCTCCAGCACCCGGCCCATGGGCGGGGAACCCTTGAAGCGTGGGAATTCCTC
CGGGCTGCAGACCGACTGTGAGACGCTGCTCAGCCGCTTCCAAGAGATGGACAGCGTGCCTTCGAGGA
CTTCGCGGAGCTCTGGCGCAGCATGAAGTTCGCGACCATCTTCTGCGGGAAAATGAGAAACCTAAAAAG
AACATGTTTACAAGAGAAGCTCTGGCTTTGGCTTGGTGCTACTTCTTGCCCTCCGTACACGTTCCAGATCA
GAGTTGGCGCCTTGATCTTCTGTACGGCTGTACAACACACAGCTATGCCAGCCGAAACAAAAGATCAG
AGTTGCCCTTGAAGGACTGGGATGAAGTTATTAATTCAGCAGGACTTGATAAGCGCCAGCATTTCGAT
GCAGCTTTGTGTTTCCAGGAAGCTTCGGCTCGACAGGGCCTTCCACTTCACAGCCATGCCAAGCTGCTCT
CATGTAGAATGAAGAAAAAGCTCAACAAGCTGAAGTGACACAAAAATTAAGGACCCTAATGACCGTGT
GATGAACTTATTACTTCTGACGTGTAGAGGAGATGCTGAATGTTACGACCATTATCAAATATGAAG
CATGCCATTTCCGCGAGACAAGTCCACGCCAGCCAGCTCTCAGTCTAGTCAAGGAGGATTTTTTGGACA
ACATTAAGAACATAGTTTTGGAGCATCAGGATTGGCACAAGAAAGGAAGATCCCTCCTTAAAACCGAA
ACTTAAAGATGGAGAGGAGGATGGCGAAGGCCCTCAGAGGAGCCGGAGAGATGTAAAGAGCAGTGTCT
TTGGCAAAAATAAAGCAAAAGCATTTCAGCTGTTGCCAGGTGTCCAAGTCCAGGAGGCATCGCCAGT
CCAAGCTTGACTCTTCTGACTCGGATTCTGGGTCTGGACAAGTACAAGGCAAAAGCAACTAAGAGAAAAG
AACCAGAGAGCCAGCAGAGCCAGCAGGAAGGAAGCAGCGGCTTCCAGGAGCAAAGGTGATGTTCCAAAT
GAACGCAAGGAAGAGAAGTCTTACGCCTGAGTATGCCTGAATTACAGAGGAGGAGGAGGAGAGCTCGG
ATGGCCTCAGCAAAGCAGAGTTCCTGACCCGAAGAGGAAGAGAAAACACATGGCCTCAGCAAAGCAGAG
TTCCTGACCCGAAGAGGAAGAGAAAACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201878 representing NM_001108033
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MEAPAGSSTRPMGAGTLEGVGIPLQTDCELLSRFQEMDSVRFEDFAELWRSMKFATIFCGKMRNLKK
 NMFTREALALAWCYFLPPYTFQIRVGAL YLL YGL YNTQLCQPKQKIRVALKDWDDEVIKFQDLISAQHFD
 AAFVFRKLRDLRAFHFHTAMPKLLSCRMKKAQQAQAEVTQKFKDPNDRVMKLIITSDVLEEMLNVHDHYQNMK
 HAI SADKSTPDRALSLVKEDFFDNIKNI VLEHQDWHKERKNPSLKPPLKDGEEDGEGPSEEPERCERAVS
 LAKIKAKAF SAVAQVSKSRRHRQSKLDSSDSGSGVQKATKRKRRTREPAEPAGRKQRP SRSKGDVPN
 ERKEEKSRLR SMPVITEEEEESSDGLSKAEFTAPKRKRKHMASAKQSSLHRRGREN

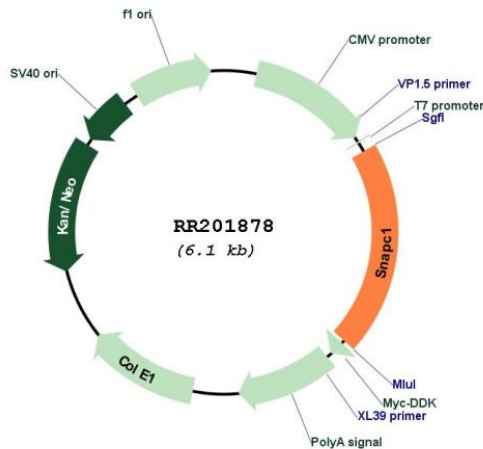
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108033

ORF Size:	1170 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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 Size:	1692 bp
RefSeq ORF:	1173 bp
Locus ID:	314228
Cytogenetics:	6q24
MW:	44.7 kDa