

Product datasheet for **RN203230**

Snapc2 (NM_001013121) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc2 (NM_001013121) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snapc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203230 representing NM_001013121 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCCACCGCAGAGACGGCGGAAGGTCCCCGCACGGTACACAGGTGAAGCTACCGGCCACAGCTT
GGAGCCCCGCGAGATGCGGCACCTACTGAGACTACTCCAGGCTCGGCGCGGCCAGCCGGACCCAGACGC
CAAGGAGCTGGCCAAGGAGCTGCGAGGCCGGAGCGAGCCGAGATCTGTGCTTTATCCAGCAGCTCAAA
GGCCGGGTGGTTCGAGAGGCTATTCGGAAGGTGCAACCAGGTGGCAGAGATGGTCCAAGGCATCGAGAGA
CACAGCTCCCAGCCCCATAGAGGTATGGATGGATCTTGCTGAGAAATTAACAGGCCCACTGGAGGAAGC
CCTGACTGCAGCTTTCTCCAGGTACTCACCATTGCTGCTGCGGAACCTCTCAGCCTCTGCATTCCAAG
CCAGGCAAGCCCAAAAGGCCTGTGGAAGGCACTGGTGTCTTGAGCACCAAGATGCGCAGAAGGATC
CTGCCCTGAAGTCTGGGCCTGAACCTATGACTGCTGCTGACCCCACTCTGAGGCCTCTGTCCCTGA
ACCTAAGCCTCCGGTACCAACCCTGAGACCTCTGGCCTTGTCAGAGGTCTCTGTCCCTGACCCTGAT
GCACCAACTGAGTCCCTGGCTGGATCCTCCACAGAGAGACTTTGCCGTGGACTTTGAGAAGATCTACA
AATACCTGTCCTCCTCCAGAGGTGGCCATGGCCCTGAGCTCTCAGCAGTTGAGTCCGCCGTGGTCTCT
TAACCTGCTCATGCTCACTTGAGAGGAAGTACCCACCTGCCTTGACAGCCCTGGTGGACCATCTGACT
AAAACATATGCTCAACTGACGGCTCCCCAGGCCTCTCTGATAGAGAAAAGAGGCCAGGCCGGGACTG
AAGATGGAGGGACTGACTCCACGGGGCCAGAAGAGACTGGCCAAGGCAGTCTCAAGCTTCTGAGCCAC
AGAACCGAGGCTGACCTGGAAAGCAGCTGGGTCTGCCACTGAACCCATTCTGGTGCCCTGGACCTC
CTGAGCCAGGCCCTCGCCCTGCCAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001013121
Insert Size:	1080 bp



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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_001013121.1</u> , <u>NP_001013139.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	1080 bp
Locus ID:	304204
UniProt ID:	<u>Q68FX5</u>
Cytogenetics:	12p12
Gene Summary:	Part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. Binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Recruits TBP and BRF2 to the U6 snRNA TATA box (By similarity).[UniProtKB/Swiss-Prot Function]