

Product datasheet for **MR206406**

Snapc3 (NM_029949) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc3 (NM_029949) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snapc3
Synonyms:	1810020H02Rik; 4930558A07Rik; 5031401C21Rik; AI414457; E030018J20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206406 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGGACCTGCAGGGCGCGGTGCGGGTGGCCACAGCACCCAGTCCCCAGTGCGAGCCACAGCA
GCTTCCGGAATACGAGCTTCCGAGTTGCACACGCGCTGTTCCATGTGGGCTCCTTTGGGAGCTATG
GCGTGGCCGGCTAGGGGCCAGGATTTGTCGCTGAGCGAACCAGGCAGCCAGCAGCCGACCGACGGA
GGGCGATCCAACGACGGCTTTGAGGATGCTGCAGTAGCCAGCGATCTGGGCTGCAGTCTGGAGGCAGCAG
CAGAGCTGAGGGTCGTGTGCGGCCTTGATAAACTGAGATGCCTCGGGGAAGATGAAGACCCGGAAGTCAT
CCCAGAGAACTGACCTAGTGACTTTATGTGTGAGGAAGGGGCTTTTGGACTATCGGGAAGAAAACATC
ACAATAGATCGCGCTGTAGACAAGAAATATTTGCTTATGAAATGGAATCTCATGCACTAGGGAAGAAAAC
CTGAAAACCCAGCAGACATGATTGAAGAAGGAGAGTGTATCCTATCTGTGAACATCTTATATCCTGTTAT
ATTTAATAAGCACAAAGAACACAAACCATACCAGACCATGTTGGTACTGGGCAGTCAGAAGCTCACAGAA
CTGAGAGATTCAATTTGCTGTGTGTCAGTGACCTCCAGATCGGTGGAGAATTCAGCAACGCGCCAGACCAAG
CCCCTGAGCACATCAGCAAAGACCTCTACAAGTCGGCTTTTTTCTATTTTGAAGGAACATTTTACAATGA
CAGAAGATACCCAGAATGCAGAGACTTGAGCAGAACTATTATAGAGTGGTCAGAGTCCCATGATCGAGGA
TATGGAAAATTTGAGACTGCTAGAATGGAAGATTTACATTTAATGACTTGCATATTAACCTTGGCTTTC
CTTACTTATACTGTACCAAGGAGACTGTGAGCATGTTGTTGTCATCACAGACATAAGGCTTGTGCACCA
TGACGACTGCTTGGATAGAACACTGTATCCCTTCTTACCAAGAAGCACTGGCTGTGGACCAGAAAATGT
TTTGTCTGTAAGATGTATACAGTAGATGGGTGACGAACAATGACACCTTTGACCAAGAGGCCCATGTT
TCTTTTGTGATGTTTGTTCAGAACTGCTCCACTATGATTCCGAAGGCAACAACTAGGGGAATTCCTTGC
TTATCCTTATGTTGACCCAGGAACCTTTAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206406 protein sequence
Red=Cloning site Green=Tags(s)

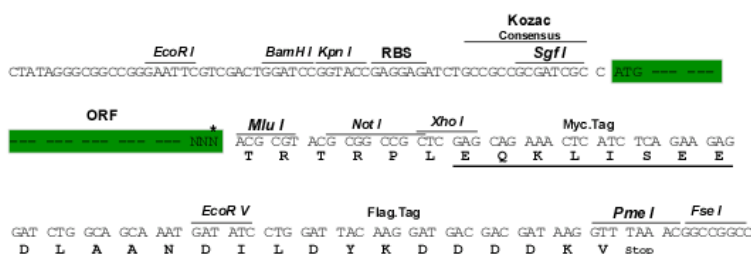
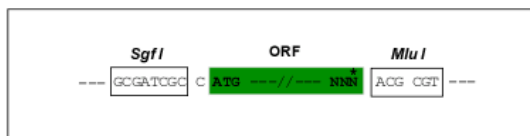
MAEDLQGGGAGGPQHPVPSASHSSFPEYELPELHTRVFHVGSFGELWRGRLGAQDLSLSEPQAAEQPTDG
GASNDGFEDAAVASDLGCSLEAAAE LR VVCGLDKLRCLGEDEDPEVIPENTDLVTL CVRKGLLDYREENI
TIDRACRQEIFYAYEMESHALGKKPENPADMIEEGECILSVNILYPVIFNKKHEKHPYQTMVLVLSQKLTE
LRDSICCVSLDQIGGEFSNAPDQAPHEYISKDLKSAFFYFEGTFYNDRRYPECRDLSRTII EWSESHDRG
YGKFIQTARMEDFTFNDLHIKLGFPFLYCHQGDCEHVVVNITDIRLVHDDCLDRTLPLLLTKKHWLWTRKC
FVKMYTARWYTNNDTAPEDGPFYCDVCFMHLHVDSEGNKLGEFLAAPPYVDPGTEN

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 029949

ORF Size: 1221 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_029949.4

RefSeq Size: 1413 bp

RefSeq ORF: 1224 bp

Locus ID: 77634

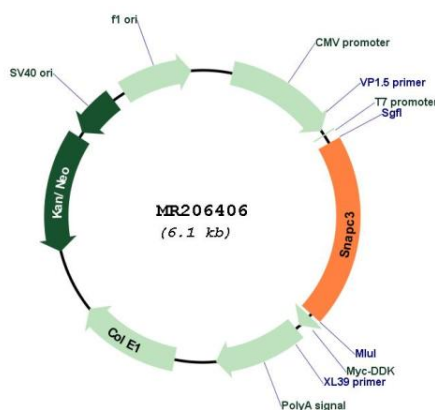
UniProt ID: Q9D2C9

Cytogenetics: 4 C3

MW: 46.3 kDa

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]

Product images:



Circular map for MR206406