

Product datasheet for **MG206406**

Snapc3 (NM_029949) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc3 (NM_029949) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snapc3
Synonyms:	1810020H02Rik; 4930558A07Rik; 5031401C21Rik; AI414457; E030018J20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206406 representing NM_029949 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGGACCTGCAGGGCGCGGTGCGGGTGGCCACAGCACCCAGTCCCCAGTGCGAGCCACAGCA
GCTTCCGGAATACGAGCTTCCGAGTTGCACACGCGCTGTTCATGTGGCTCCTTTGGGGAGCTATG
GCGTGGCCGGCTAGGGGCCAGGATTTGTCGCTGAGCGAACCAGGCAGCCGAGCAGCCGACCGACGGA
GGGCATCCAACGACGGCTTTGAGGATGCTGCAGTAGCCAGCGATCTGGGCTGCAGTCTGGAGGCAGCAG
CAGAGCTGAGGGTCGTGTGCGGCCTTGATAAACTGAGATGCCTCGGGGAAGATGAAGACCCGGAAGTCAT
CCCAGAGAACTGACCTAGTGACTTTATGTGTGAGGAAGGGGCTTTTGGACTATCGGGAAGAAAACATC
ACAATAGATCGCGCTGTAGACAAGAAATATTTGCTTATGAAATGGAATCTCATGCACTAGGGAAGAAAC
CTGAAAACCCAGCAGACATGATTGAAGAAGGAGAGTGTATCCTATCTGTGAACATCTTATATCCTGTTAT
ATTTAATAAGCACAAGAACACAAACCATACCAGACCATGTTGGTACTGGGCAGTCAGAAGCTCACAGAA
CTGAGAGATTCAATTTGCTGTGTGTCAGTGACCTCCAGATCGGTGGAGAATTCAGCAACGCGCCAGACCAAG
CCCCTGAGCACATCAGCAAAGACCTCTACAAGTCGGCTTTTTTCTATTTTGAAGGAACATTTTACAATGA
CAGAAGATACCCAGAATGCAGAGACTTGAGCAGAACTATTATAGAGTGGTCAGAGTCCCATGATCGAGGA
TATGGAAAATTTGAGACTGCTAGAATGGAAGATTTACATTTAATGACTTGCATATTAACCTTGGCTTTC
CTACTTATACTGTACCAAGGAGACTGTGAGCATGTTGTTGTCATCACAGACATAAGGCTTGTGCACCA
TGACGACTGCTTGGATAGAACACTGTATCCCCTTCTTACCAAGAAGCACTGGCTGTGGACCAGAAAATGT
TTTGTCTGTAAGATGTATACAGTAGATGGGTGACGAACAATGACACCTTTGACCAAGAGGCCCATGTT
TCTTTTGTGATGTTTCTCAGAACTGCTCCACTATGATTCCGAAGGCAACAACTAGGGGAATTCCTTGC
TTATCCTTATGTTGACCCAGGAACCTTTAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206406 representing NM_029949
 Red=Cloning site Green=Tags(s)

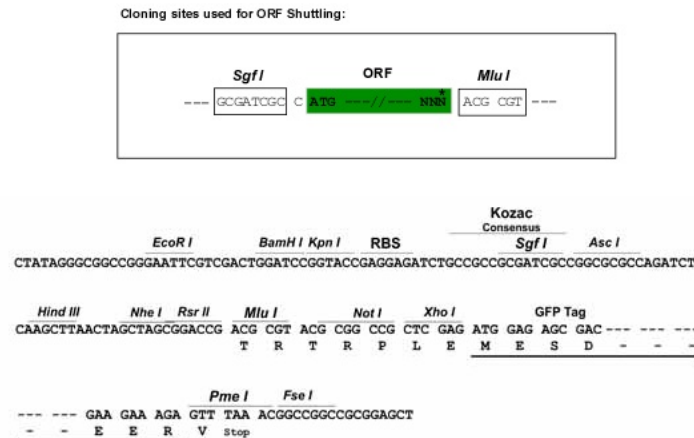
MAEDLQGGGAGGPQHPVPSASHSSFPEYELPELHTRVHFVGSFGELWRGRLGAQDLSLSEPQAAEQPTDG
 GASNDGFEDAASDLGCSLEAAALRVVCGLDKLRCLGEDEDPEVIPENTDLVTL CVRKGLLDYREENI
 TIDRACRQEIFAYEMESHALGKKPENPADMIEEGECILSVNILYPVIFNKHKEHKPYQTMVLVLSQKLTE
 LRDSICCVSDLQIGGEFSNAPDQAPHEISKDLKSAFFYFEGTFYNDRRYPECRDLSRTII EWSESHDRG
 YGKFQTARMEDFTFNDLHIKLGFPYLYCHQGDCEHVVIIDIRLVHDDCLDRTLYPLLTKKHWLWTRKC
 FVCKMYTARWVTNNDTFAPEDPCFFCDVCFRMLHYDSEGNKLGEFLAYPYVDPGTFN

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



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: 2633 bp

RefSeq ORF: 1224 bp

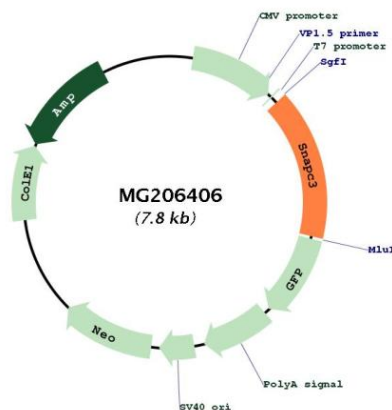
Locus ID: 77634

UniProt ID: [Q9D2C9](#)

Cytogenetics: 4 C3

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 MG206406