

Product datasheet for MR206070

Snapc1 (NM_178392) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc1 (NM_178392) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snapc1
Synonyms:	2700033G17Rik; AU015787
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206070 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGACTCCTGCGGGCGCCGGGACCCGTCCCACGGGCGCTGGAAGTGTGAAGGCGTGGGGATCCCTC
CGGGCCTGCAGACTGACTACGAGACGCTGCTCAGCCGCTTCCAAGAGATGGACAGCGTGCCTTCGAGGA
CTTCACGGAGCTCTGGCGCAGCATGAAGTTCGCGACCATCTTCTGTGGCAAAATGAGGAATTTAAAAAG
AACATGTTTACAAAGGAAGCTTTAGCTTTGGCGTGGCGCTACTTTTTGCCTCCACACACGTTCCAGATCA
GAGTTGGCGCTTTGTATCTTCTGTACGGTGTACAACACACAGCTGTGCCAGCCGAAACAAAAGATCCG
AGTTGCCTTGAAGGACTGGGATGAAGTCATCAGGTTTCAGCAAGACTTGATGAACGCACAGCATTTCGAC
GCGGCTTTTGTTCAGGAAGCTTCGGCTGGACAGAGCCTTCCACTTCACAGCTATGCCAAGCTGCTTT
CGTGTAAGTGAAGAAAAAGTTCAACAACTGAAGTGACACAGAAATTTAAGGACCCGAATGATCGTGT
AATGAACTTATCACTTCTGATGTATTAGAGGAAATGCTGAATGTTACAGATCATTATCAAAATATGAAG
CATGCTATTTACAGACAAAGTCCATGCCAGACAGAGCTCTCAGTCTGGTAAAGGAGGACTTTTTGAGA
ACATTAAGAACATAGTTTTGGAGCATCAGGAGTGGCACAAGGAACGGAAGAATCCCTCCTTAAACCCAA
ACTTAAAGATGGAGAAGAGAACGGTGAAGGCTCTTCAGAGGAGCCAGAGAGATGTGAGAGAGCTGTGTCT
TTAGCGAAAATAAAAGCGAAAGCCTTTTCAGCTGTTGTCCCGGTCCAAGTCCAGGAGGCATCGCCAGT
CCAAGCTTGACTCTTCTGACTCTGACTCTGGGTCTGGACAAGTGAAGGCAGAGCAGCTAAGAGAAAGAG
AACCAGAGAACCAGCAGGACCAGCAGGAAGGAAGAGATCTTCCAGAAGCAAAGGTAACGCTCCGAATGAA
CGTAAGGAAGAGAAGTCGTTACACCTGAGTATGCCTATTATTACAGAGGAGGAGGAGGACATGGGTG
GCGTCAGAAAAGCAGAGTTCCTGCGCCCAAGAGGAAGAGAAAATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206070 protein sequence
 Red=Cloning site Green=Tags(s)

MGTPAGATRPTGAGTVEGVGIPPGLQTDYETLLSRFQEMDSVRFEDFTELWRSMKFATIFCGKMRNLKK
 NMFTEALALAWRYFLPHTFQIRVGAL YLL YGL YNTQLCQPKQKIRVALKDWEVIRFQQDLMNAQHFD
 AAFVFRKLRDLRAFHFHTAMPKLLSCRMKKKVVQTEVTQKFKDPNDRVMKLI TSDVLEEMLVNVDHYQNMK
 HAI SADK SMPDRALSLVKEDFFENIKNI VLEHQEWHKERKNPSLKPKLKDGEENGE SSEEPCERAVS
 LAKIKAKAF SAVVPVSKSRRHRQSKLDSSDSDSGSGVQGRAAKRKRRTREPAGPAGRKRSSRSKGNAPNE
 RKEEKSLHLSMPIITEEEEEEDMGVVRKAEFTAPKRKRKC

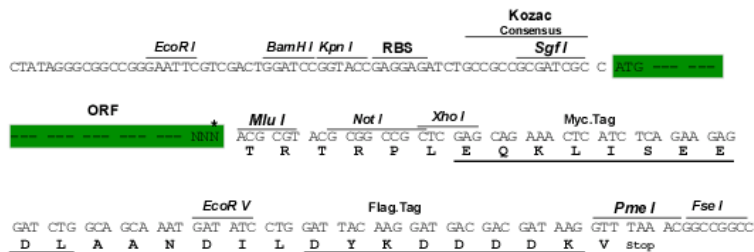
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_178392

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:

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: [NM_178392.5](#)

RefSeq Size: 2125 bp

RefSeq ORF: 1170 bp

Locus ID: 75627

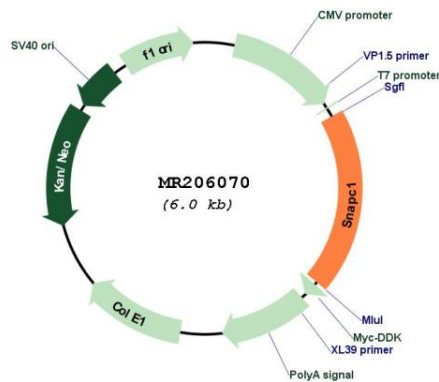
UniProt ID: [Q8K0S9](#)

Cytogenetics: 12 C3

MW: 44.6 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 MR206070