

Product datasheet for **MG206070**

Snapc1 (NM_178392) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc1 (NM_178392) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snapc1
Synonyms:	2700033G17Rik; AU015787
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206070 representing NM_178392 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGACTCCTGCGGGCGCCGGGACCCGTCCCACGGGCGCTGGAAGTGTGAAGGCGTGGGGATCCCTC
CGGGCCTGCAGACTGACTACGAGACGCTGCTCAGCCGCTTCCAAGAGATGGACAGCGTGCCTTCGAGGA
CTTCACGGAGCTCTGGCGCAGCATGAAGTTCGCGACCATCTTCTGTGGCAAAATGAGGAATTTAAAAAG
AACATGTTTACAAAGGAAGCTTTAGCTTTGGCGTGGCGCTACTTTTTGCCTCCACACACGTTCCAGATCA
GAGTTGGCGCTTTGTATCTTCTGTACGGTGTGACAACACACAGCTGTGCCAGCCGAAACAAAAGATCCG
AGTTGCCTTGAAGGACTGGGATGAAGTCATCAGGTTTCAGCAAGACTTGATGAACGCACAGCATTTCGAC
GCGGCTTTTGTTCAGGAAGCTTCGGCTGGACAGAGCCTTCCACTTCACAGCTATGCCAAGCTGCTTT
CGTGTAGAATGAAGAAAAAGTTCAACAACTGAAGTGACACAGAAATTTAAGGACCCGAATGATCGTGT
AATGAACTTATCACTTCTGATGTATTAGAGGAAATGCTGAATGTTACAGATCATTATCAAAATATGAAG
CATGCTATTTACGAGACAAGTCCATGCCAGACAGAGCTCTCAGTCTGGTAAAGGAGGACTTTTTGAGA
ACATTAAGAACATAGTTTTGGAGCATCAGGAGTGGCACAAGGAACGGAAGAATCCCTCCTTAAACCCAA
ACTTAAAGATGGAGAAGAGAACGGTGAAGGCTCTTCAGAGGAGCCAGAGAGATGTGAGAGAGCTGTGTCT
TTAGCGAAAATAAAAGCGAAAGCCTTTTCAGCTGTTGTCCCGGTGTCGAAGTCCAGGAGGCATGCCAGT
CCAAGCTTGACTCTTCTGACTCTGACTCTGGGTCTGGACAAGTGAAGGCAGAGCAGCTAAGAGAAAGAG
AACCAGAGAACCAGCAGGACCAGCAGGAAGGAAGAGATCTTCAGAAGCAAAGGTAACGCTCCGAATGAA
CGTAAGGAAGAGAAGTCGTTACACCTGAGTATGCCTATTATTACAGAGGAGGAGGAGGAGGACATGGGTG
GCGTCAGAAAAGCAGAGTTCCTGCGCCCAAGAGGAAGAGAAAATGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206070 representing NM_178392
 Red=Cloning site Green=Tags(s)

MGTPAGATRPTGAGTVEGVGIPPGLQTDYETLLSRFQEMDSVRFEDFTELWRSMKFATIFCGKMRNLKK
 NMFTKEALALAWRYFLPHTFQIRVGAL YLL YGL YNTQLCQPKQKIRVALKDWEVIRFQQDLMNAQHFD
 AAFVFRKLRLDRAHFHTAMPKLLSCRMKKKVVQTEVTQKFKDPNDRVMKLI TSDVLEEMLNVHDHYQNMK
 HAI SADK SMPDRALSLVKEDFFENIKNI VLEHQEWHKERKNPSLKPKLKDGEENGE SSEEPCERAVS
 LAKIKAKAFSAVVPVSKRRHRQSKLDSSDSDSGSQVQGRAAKRKRRTREPAGPAGRKRSSRSKGNAPNE
 RKEEKSLHLSMPIITEEEEDMGVVRKAEFTAPKRKRKC

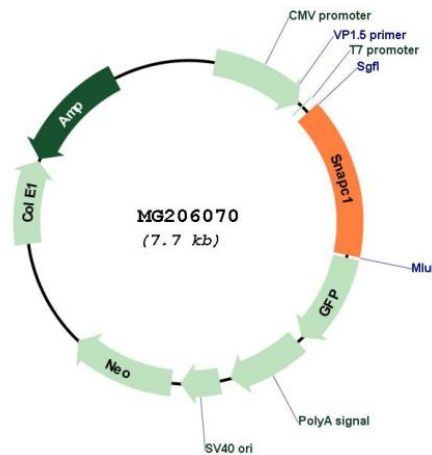
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178392

ORF Size:	1167 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:	NM_178392.5
RefSeq Size:	2126 bp
RefSeq ORF:	1170 bp
Locus ID:	75627
UniProt ID:	Q8K0S9
Cytogenetics:	12 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]