

Product datasheet for **RG219992**

SNAPC5 (NM_006049) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNAPC5 (NM_006049) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SNAPC5
Synonyms: SNAP19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG219992 representing NM_006049
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAGCCGGCTTCAGGAACTGCGCAAGGAGGAGGAGACGCTGCTGCGGTTGAAGGCAGCCCTGCACG
 ACCAGCTGAACCGCCTCAAGGTTGAAGAATTAGCCCTCCAATCAATGATCAGTTCTAGAAGAGGGGATGA
 GATGCTGTCTTCTCACACTGTACCTGAACAGTCACATGATATGTTGGTGCATGTAGACAATGAAGCATCA
 ATCAACCAACAACCCTGGAGCTGAGCACAAAGAGTCATGTGACSGAAGAGGAGGAGGAGGAAGAGGAAG
 AAGAATCAGATTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG219992 representing NM_006049
 Red=Cloning site Green=Tags(s)
 MLSRLQELRKEEETLLRLKAALHDQLNRLKVEELALQSMISSRRGDEMLSSHTVPEQSHDMLVHVDNEAS
 INQTTLELSTKSHVXXXXXXXXXXXXSDS

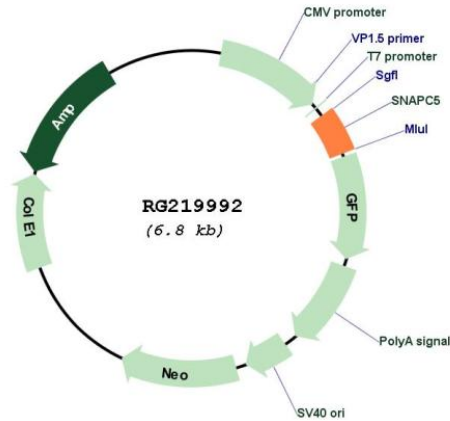
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_006049

ORF Size: 294 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:	<u>NM_006049.1</u> , <u>NP_006040.1</u>
RefSeq Size:	297 bp
RefSeq ORF:	297 bp
Locus ID:	10302
UniProt ID:	<u>O75971</u>
Cytogenetics:	15q22.31
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a subunit of the small nuclear RNA (snRNA)-activating protein complex that plays a role in the transcription of snRNA genes. This complex binds to the promoters of snRNA genes transcribed by either RNA polymerase II or III and recruits other regulatory factors to activate snRNA gene transcription. The encoded protein may play a role in stabilizing this complex. A pseudogene of this gene has been identified on chromosome 6. [provided by RefSeq, Jul 2016]