

Product datasheet for **RG218418**

SNRPC (NM_003093) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNRPC (NM_003093) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SNRPC
Synonyms: U1C; Yhc1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG218418 representing NM_003093
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAAGTTTTATTGTGACTACTGCGATACATACCTCACCCATGACTCTCCATCTGTGAGAAAGACAC
ACTGCAGTGGAAGGAAACACAAAGAGAATGTGAAAGACTATTATCAGAAATGGATGGAAGAGCAGGCTCA
GAGCCTGATTGACAAAACACGGCTGCATTTCAACAAGGAAAGATACCTCCTACTCCATTCTCTGCTCCT
CCTCCTGCAGGGCGATGATACCACCTCCCCCAGCCTTCGGGTCTCCTCGCCCTGGTATGATGCCAG
CACCCATATGGGGGCCCTCCCATGATGCCAATGATGGGCCCTCCTCCTGGGATGATGCCAGTGGG
ACCTGCTCCTGGAATGAGGCCGCCATGGGAGGCCATATGCCAATGATGCCTGGGCCCCAATGATGAGA
CCTCCTGCCCGTCCCATGATGGTGCCCACTCGGCCGGAATGACTCGACCAGACAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG218418 representing NM_003093
Red=Cloning site Green=Tags(s)

MPKFYCDYCDTYLTHDPSVRKTHCSGRKHKENVKDYQKWMEEQAQSLIDKTTAAAFQQGKIPPTPFSAP
PPAGAMIPPPSLPGPPRPGMMPAPHMGGPPMMPMPGPPPPGMPVGPAPGMRPPMGHMPMPPGPPMMR
PPARPMMPVTRPGMTRPDR

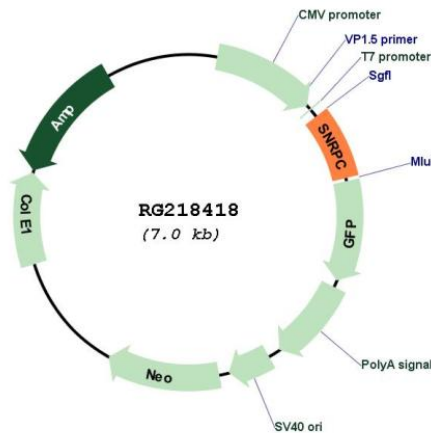
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_003093

ORF Size: 477 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_003093.3
RefSeq Size:	733 bp
RefSeq ORF:	480 bp
Locus ID:	6631
UniProt ID:	P09234
Cytogenetics:	6p21.31
Domains:	ZnF_U1
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Spliceosome
Gene Summary:	This gene encodes one of the specific protein components of the U1 small nuclear ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. The encoded protein participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are attacked by autoantibodies frequently produced by patients with connective tissue diseases. The genome contains several pseudogenes of this functional gene. Alternative splicing results in a non-coding transcript variant.[provided by RefSeq, Oct 2009]