

Product datasheet for **SC127162**

SNRPC (NM_003093) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNRPC (NM_003093) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRPC
Synonyms:	U1C; Yhc1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127162 sequence for NM_003093 edited (data generated by NextGen Sequencing)

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ATGCCCAAGTTTTATTGTGACTACTGCGATACATACCTCACCCATGACTCTCCATCTGTG
AGAAAGACACACTGCAGTGGAAGGAAACACAAAGAGAATGTGAAAGACTATTATCAGAAA
TGGATGGAAGAGCAGGCTCAGAGCCTGATTGACAAAACAACGGCTGCATTTCAACAAGGA
AAGATACCTCCTACTCCATTCTCTGCTCCTCCTCCTGCAGGGGCGATGATACCACCTCCC
CCCAGCCTTCCGGGTCCTCCTCGCCCTGGTATGATGCCAGCACCCCATATGGGGGGCCCT
CCCATGATGCCAATGATGGGCCCTCCTCCTCCTGGGATGATGCCAGTGGGACCTGCTCCT
GGAATGAGGCCGCCCATGGGAGGCCATATGCCAATGATGCCTGGGCCCAATGATGAGA
CCTCCTGCCCGTCCCATGATGGTGCCCACTCGGCCGGAATGACTCGACCAGACAGATAA
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Clone variation with respect to NM_003093.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003093 unedited
 AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGCAGAGCAACATGCCCA
 AGTTTTATTGTGACTACTGCGATACATACCTCACCCATGACTCTCCATCTGTGAGAAAGA
 CACACTGCAGTGGGAAAGAAACACAAAGAGAATGTGAAAGACTATTATCAGAAATGGATGG
 AAGAGCAGGCTCAGAGCCTGATTGACAAAACAACGGCTGCATTTCAACAAGGAAAGATAC
 CTCCTACTCCATTCTCTGCTCCTCCTCCTGCAGGGGCGATGATACCACCTCCCCCAGCC
 TTCCGGTCTCCTCGCCCTGGTATGATGCCAGCACCCCATATGGGGGGCCCTCCCATGA
 TGCCAATGATGGGCCCTCCTCCTGGGATGATGCCAGTGGGACCTGCTCCTGGAATGA
 GGCCGCCCATGGGAGGCCATATGCCAATGATGCCTGGGCCCCCAATGATGAGACCTCTG
 CCCGTCCCATGATGGTGCCCACTCGGCCCGGAATGACTCGACCAGACAGATAAGGATAGA
 GGCGAGGCCCTTATTGCATCGGCTTTATATTACCTGCTGCTTACCAAGAGATCATGC
 TGCTGTGATACTGACTCTTCTAACCGCATAAGGAACACTTGCTCCCTGCCCTATGAAAC
 AACACCCCTCCGCTGGCCGATGCCGTACCCCTCCCCCACCCTACTCACATGAC
 CCACAAGCAACCACACAACCTCACCAACTCACCACTATACACCCCTCCCATCTCACC
 TCCCACTCCCAACTCACCATCGTCAATCCTATCATCGACCCGCCACATCTCCCGAC
 AACTTCATTCTCTCTTCTCATACCCCTACACACCGTTTACATTAACACTCTCCC
 TCTCGTCTCCTCTTCCACCTCTATATCACCTCCACGCCACCCAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003093 unedited
 GCTCGATTCTAGAGTCGAGAAATTTCTTTTTTTTTTTTTTTTTTTTTTTTAACTGAAAG
 AGTTGACAATTTTATTTTACATTTCCCAATACAAAGGAAAAGTGCATCTTTTTGTCCC
 ACTTCTCCCTCCAAAATTTCTTTTATAGGACAGGGGAGCAAGTCTTCTTATGCT
 GTTTAAAAAACTCAGTATCACAGCAGCATGATCTCCTGGGAAGCAGAACAGGTAATATA
 AAACCGATACAATAAGGCCTCCCTCTATCCTTATCTGTCTGGTGGAGTATTCCGGGCC
 GAGTGGGCACCATCATGGGACGGGACAGGAGTCTCATCATTGGGGGCCAGGCATCATTG
 GCATATGGCCTCCCATGGGCGGCCTCATTCCAGGAGCAGGTCCCCTGGCATCATCCCAG
 GAGGAGGAGGGCCATCATTGGCATCATGGGAGGGCCCCCATATGGGGCGCTGGCATCA
 TACCAGGGCGAGGAGGCCGGAAGGCTGGGGGAGGTGGCATTATTGCCCTGCCAGAG
 GAGGAGCACAGAATGGAGTACGACGCCTCTCTCTTGTGAAATGCCACCGTTTGTCTGC
 CAATCCAGCTTTGAGCCCGCTTTCATCCATCCCTCGAAAACGCCTTACCCCTCTTGT
 GTTCTTCCCCTGAACGCCTCTTCTCACCATCGCAAGCCCTGTGTCATGCGCTTCCCA
 CCTCCCAACCCAACTCGCGTTCCTCCTTTTCCGCCCGGTCCAATCCCGACCCCCAC
 CTCCCCCTCCAATCAACTTTGTCCGCCCCACACCATCCCCCTCCATAAATCCCCCAG
 TCCACCCACCCGCATCCCCCAATTGGGTGACCTCCCCCTCTCCCCCTCGTTTTCT
 CCAGCCACACCCTCTCCCCCGTGGACACCCCTTGTCCACCCCAACCGTCCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_003093

Insert Size:

800 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_003093.1 , NP_003084.1
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:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript.</p>