

## Product datasheet for **RN215930**

### **Snrpc (NM\_001271040) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Snrpc (NM\_001271040) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Snrpc  
**Synonyms:** Snrp1c; U1-C; U1C  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN215930 representing NM\_001271040  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCCCAAGTTTTATTGTGACTACTGTGATACGTATCTTACCCACGATTCTCCGTCTGTGAGGAAGACAC  
ACTGCAGTGGTCGAAACACAAAGAGAATGTGAAAGACTATTACCAGAAATGGATGGAAGAACAGGCCCA  
GAGCCTGATTGACAAAACAACGGCTGCATTTCAACAAGGAAAGATCCCTCCAGCTCCGTTCTCTGCTCCT  
CCGCCTGCAGGGCCATGATCCCGCTCCCCCAGTCTCCGGGTCTCCTCGGCCTGGCATGATGCCTG  
CACCCACATGGGAGGCCCTCCCATGATGCCAATGATGGGCCCCCTCCTCCTGGGATGATGCCTGTGGG  
ACCAGCTCCTGGGATGAGACCACCCATGGGAGGCCATATGCCATGATGCCCGGGCTCCAATGATGAGA  
CTCCCGCCCGCCTATGATGGTGCCACACGGCTGGCATGACCCGGCCAGACAGAT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001271040  
**Insert Size:** 480 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).



[View online »](#)

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001271040.1</a></u> , <u><a href="#">NP_001257969.1</a></u>
<b>RefSeq Size:</b>	1072 bp
<b>RefSeq ORF:</b>	480 bp
<b>Locus ID:</b>	361808
<b>UniProt ID:</b>	<u><a href="#">D3ZCL3</a></u>
<b>Cytogenetics:</b>	20p12
<b>Gene Summary:</b>	Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both constitutive and regulated alternative splicing. The interaction with the 5' splice-site seems to precede base-pairing between the pre-mRNA and the U1 snRNA. Stimulates commitment or early (E) complex formation by stabilizing the base pairing of the 5' end of the U1 snRNA and the 5' splice-site region. [UniProtKB/Swiss-Prot Function]