

Product datasheet for **MC200267**

Snrpc (NM_011432) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snrpc (NM_011432) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snrpc
Synonyms:	Snrp1c; U1-C; U1C
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008243 sequence for NM_011432
 GCGCGCGGGGATCGGGTAGCCAACGGCTTGTGGAGCATCATGCCAAGTTTTATTGTGACTACTGTGAT
 ACGTATCTTACCCACGATTCTCCATCTGTGAGGAAGACACTGCAGTGGTCGGAACACAAAGAGAATG
 TAAAAGACTATTATCAGAAATGGATGGAAGAGCAGGCCAGAGCCTGATTGACAAGACAACGGCTGCATT
 TCAACAAGGGAAGATCCCTCCTGCTCCGTTCTCTGCTCCTCCGCCTGCAGGGGCCATGATCCCACCTCCC
 CCCAGTCTCCCGGGCCCTCCTCGGCCTGGCATGATGCCTGCCCCACATGGGAGGCCCTCCCATGATGC
 CAATGATGGGCCCCCTCCGCCGGAATGATGCCCGTGGGACCAGCTCCTGGGATGAGACCACCCATGGG
 AGGCCACATGCCATGATGCCCGGACCTCCCATGATGAGACCTCCTGCCCGCCCTATGATGGTGGCCACC
 CGGCCTGGCATGACCCGGCCAGACAGATAAGAGCAGAAGCGCTCTTGATGGTTTTGTATTTCTTGTCTG
 TTCCACCAGGAGCTCTTGGTCTGAGCCCGAGTGTACTAGATGCATGAAAAGGAACTCCCTTCCTA
 ACTGAATATTTTTGGAGGGAGAAATAACAAAAAAGTGCAGTTTTCACTTATATTGTGAAATGTGAAAA
 TAAAGTCATCAGCTCTTTTAGTTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011432

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).

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).



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Reconstitution Method:

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: [BC008243](#), [AAH08243](#)

RefSeq Size: 738 bp

RefSeq ORF: 480 bp

Locus ID: 20630

UniProt ID: [Q62241](#)

Cytogenetics: 17 A3.3

Gene Summary: 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]