

## Product datasheet for RN205239

### Snupn (NM\_001004270) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snupn (NM_001004270) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snupn
Synonyms:	Rnut1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205239 representing NM_001004270 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGAACTGAGCCAAGCCCTAGCTAGTAGCTTTTCTGTGTCTCAAGAACTGAACAGCACAGCTGCC  
CACACCCTCGCCTGTCTCAATACAAGTCCAAGTATAGCTCCTGGAGCAGAGTGAGCGCGCGCCAGTT  
GCTAGAGCTGCAGAAATCCAAGCGTTGGACTATGTGAACCATGCCAGAAGACTGGCTGAAGATGACTGG  
ACAGGGATGGAGAGTGGGAAGAGGAGAAGAAGAAAGATGAGGAGGAAATGGATTTGGACCCTGTCAAGA  
AGTTACCAAAACGCTATGCTAATCAATTGATGCTTTCTGAGTGGTTAATTGACGTCCTTCAGATTTGGG  
GCAGGAATGGATTGTGGTTGTGTGCCCTGTTGGGAAAAGAGCCCTTATCGTGGCCTCCAGGGGCTCAACC  
AGTGCCTACACTAAGAGTGGCTACTGCGTCAATAGGTTTTCTCCCTTCTCCAGGAGGCAATAGGAGAA  
ACTCAACAACAGCCAAAGACTACACCATCTGGACTGCATTTACAGTGAAGTGAACCAGACATACTATGT  
TTTGGATGTGATGTGCTGGCGGGGACATCCTTTTTATGACTGTCAGACTGATTTCCGATTCTACTGGATG  
AATTCAAAGTTACCAGAAGAAGAAGGACTTGGAGAGAAAACCAAGATTAATCCCTTTAAGTTTGTGGGGC  
TTAAGAATTTCCCGTGTACCCCTGAGAGCCTGTGCAAGGTGCTGTCTATGGATTTTCTTTTGTGGGTAGA  
TGGACTGCTCTTACCACAAACAGACCCACTATAGCCCGGGGAGTACCCCTTTGGTGGGCTGGCTGCC  
CCCTACATGGTGCAGATATTCTAGGTAGCTGTTCCAGCTGGTCTCTGACCACCAAGCCAGAATATG  
CTGGGCACCAGCTCCAACAGATTATTGAGCACAAGAGGAGTCAAGGAGACAAAAGGAGAACTCACACA  
CAAGGCTTCTGAGAATGCCACTATGAGCTGGAGCACCTGTCTACTCCCAAGCTGAGGAGTCTCCCCAC  
AGCTCTGAGAGCCTCATGGACAGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_001004270
<b>Insert Size:</b>	1077 bp
<b>OTI Disclaimer:</b>	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).
<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_001004270.1</a></u> , <u><a href="#">NP_001004270.1</a></u>
<b>RefSeq Size:</b>	1360 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	316108
<b>UniProt ID:</b>	<u><a href="#">Q68FP5</a></u>
<b>Cytogenetics:</b>	8q24
<b>Gene Summary:</b>	Functions as an U snRNP-specific nuclear import adapter. Involved in the trimethylguanosine (m3G)-cap-dependent nuclear import of U snRNPs. Binds specifically to the terminal m3G-cap U snRNAs.[UniProtKB/Swiss-Prot Function]