

Product datasheet for **MC207401**

Snrpb2 (NM_021335) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snrpb2 (NM_021335) Mouse Untagged Clone
Tag: Tag Free
Symbol: Snrpb2
Synonyms: 2810052G09Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207401 representing NM_021335
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATATCAGACCAAATCACACGATTTATATCAACAACATGAATGACAAAATTAAGAAAGAAGATTGA
AGAGATCCCTGTATGCCCTTTTTCTCAGTTTGGACACGTGGTAGATATTGTGGCTTTAAGACCATGAA
GATGAGGGGACAGGCTTTTGTATATTTAAGGAACTGGGTTCCATCCACAAATGCTTTGAGACAGTTACAA
GGATTTCCATTTTATGGTAAACCAATGAGAATTCAGTACGAAAAACAGATTCTGATATAATATCTAAAA
TGCGTGGTACTTTTCGCTGACAAGGAAAAGAAAAGGAAAAGAAAGCTAAAACCATGGAACAGGCTGC
AGCTGCTGCAAACAAGAAGCCTGGTCAGGGAACACCAAATGCAGCTAATACCCAAGGCACTGCAGCGCCA
AATCCTCAGGTCCTGATTATCCTCCAAATTATCCTATTTCTTAATAACTTACCAGAGGAGACAAATG
AGATGATGTTATCCATGCTGTTCAACCAGTTCCTGGATTCAAGGAAGTTCGCTTGGTACCGGGGAGACA
TGACATTGCATTTGTAGAATTTGAGAATGATGGTCAGGCTGGAGCTGCCAGAGATGCTCTGCAGGGGTTT
AAGATTACACCGTCCCATGCCATGAAGATCACCTATGCCAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021335
Insert Size: 678 bp



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| 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: | <u>NM_021335.3</u> , <u>NP_067310.1</u> |
| RefSeq Size: | 1230 bp |
| RefSeq ORF: | 678 bp |
| Locus ID: | 20639 |
| UniProt ID: | <u>Q9CQI7</u> |
| Cytogenetics: | 2 G1 |
| Gene Summary: | Involved in pre-mRNA splicing as component of the spliceosome. Associated with sn-RNP U2, where it contributes to the binding of stem loop IV of U2 snRNA.[UniProtKB/Swiss-Prot Function] |