

## Product datasheet for **RC207603**

### SNRPB2 (NM\_198220) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SNRPB2 (NM_198220) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SNRPB2
Synonyms:	Msl1; U2B'
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207603 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGATATCAGACCAAATCATAAATTTATCAACAATATGAATGACAAAATTTAAAGGAAGAATTGA  
AGAGATCCCTATATGCCCTGTTTTCTCAGTTTGGTCATGTGGTGGACATTGTGGCTTTAAAGACCATGAA  
GATGAGGGGGCAGGCCTTTGTCAATTTAAGGAACTGGGCTCATCCCAAATGCCTTGAGACAGCTACAA  
GGATTTCCATTTTATGGTAAACCAATGCGAATACAGTATGAAAAACAGATTCGGATATAATATCAAAAA  
TGCCTGGAACCTTTGCTGACAAAGAAAAGAAAAAGAAAAAGCCAAAACCTGTGGAACAGACTGC  
AACAAACCACAAACAAAAAGCCTGGCCAGGGAACCCAAATTCAGCTAATACCCAAGGAAATTC AACACCA  
AATCCTCAGTCCCTGATTACCTCCAAACTATATTTTATTCCTAATAACTTACCAGAAGAGACTAATG  
AGATGATGTTATCCATGCTGTTAATCAGTTCCCTGGCTCAAGGAAGTACGTCTGGTACCAGGGAGGCA  
TGACATTGCTTTTGTGAATTTGAAAAATGATGGGCAGGCTGGAGCTGCCAGGGATGCTTTACAGGGATTT  
AAGATCACACCGTCCCATGCTATGAAGATCACCTATGCCAAGAAA

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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:** [NM\\_198220.3](#)

**RefSeq Size:** 1592 bp

**RefSeq ORF:** 678 bp

**Locus ID:** 6629

**UniProt ID:** [P08579](#)

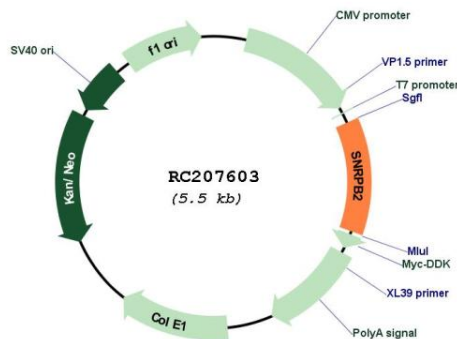
**Cytogenetics:** 20p12.1

**Protein Pathways:** Spliceosome

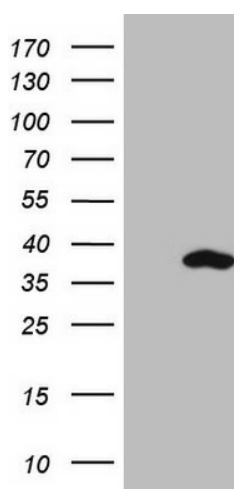
**MW:** 25.5 kDa

**Gene Summary:** The protein encoded by this gene associates with stem loop IV of U2 small nuclear ribonucleoprotein (U2 snRNP) in the presence of snRNP-A'. The encoded protein may play a role in pre-mRNA splicing. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

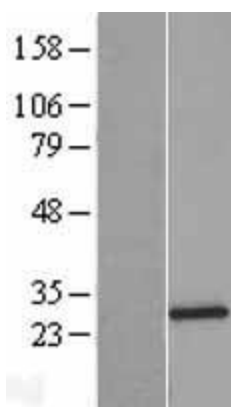
### Product images:



Circular map for RC207603



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SNRPB2 (Cat# RC207603, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNRPB2 (Cat# [TA808140])(1:2000). Positive lysates [LY404952] (100ug) and [LC404952] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY404952]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207603 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).