

## Product datasheet for **SC309367**

### SNRPB2 (NM\_198220) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SNRPB2 (NM_198220) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRPB2
Synonyms:	Msl1; U2B'
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309367 representing NM_198220. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATATCAGACCAAATCATACAATTTATCAACAATATGAATGACAAAATTAAGGAAGAATTG
AAGAGATCCCTATATGCCCTGTTTTCTCAGTTTGGTCAATGGTGGACATTGTGGCTTTAAAGACCATG
AAGATGAGGGGGCAGGCCTTTGTCATATTAAGGAAGTGGGCTCATCCACAAATGCCTTGAGACAGCTA
CAAGGATTTCCATTTTATGGTAAACCAATGCGAATACAGTATGCAAAAACAGATTCGGATATAATATCA
AAAATGCGTGGAACCTTTGCTGACAAAGAAAAGAAAAAGAAAAAGAAAAAGCCAAAACGTGGAACAG
ACTGCAACAACCAACAAAAGCCTGGCCAGGGAACCAAAATTCAGCTAATACCCAAGGAAATTC
ACACAAATCCTCAGGTCCTGATTACCTCCAAATATATTTTATTCCTTAATAACTTACCAGAAGAG
ACTAATGAGATGATGTTATCCATGCTGTTAATCAGTTCCTGGCTTCAAGGAAGTACGTCTGGTACCA
GGGAGGCATGACATTGCTTTTGTGAATTTGAAAATGATGGGCAGGCTGGAGCTGCCAGGGATGCTTTA
CAGGGATTTAAGATCACACCGTCCCATGCTATGAAGATCACCTATGCCAAGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_198220
Insert Size:	678 bp



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<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<a href="#">NM_198220.2</a>
<b>RefSeq Size:</b>	1592 bp
<b>RefSeq ORF:</b>	678 bp
<b>Locus ID:</b>	6629
<b>UniProt ID:</b>	<a href="#">P08579</a>
<b>Cytogenetics:</b>	20p12.1
<b>Protein Pathways:</b>	Spliceosome
<b>MW:</b>	25.5 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>