

## Product datasheet for **SC319555**

### SNRPA1 (NM\_003090) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SNRPA1 (NM\_003090) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SNRPA1  
**Synonyms:** Lea1; U2A'  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_003090.2  
 GTCTCGCTGGCGGGAGGCCCGGGCTTTCCACAGCGCGGGGAACGGGAGGCTGCAGGATG  
 GTCAAGCTGACGGCGGAGCTGATCGAGCAGGCGGCGCAGTACACCAACCGGTGCGCGAC  
 CGGGAGCTGGACCTCCGGGGTATAAAATTCCTGATGAAAATCTAGGTGCTACGTTA  
 GACCAGTTTGATGCTATTGATTTTTCTGACAATGAGATCAGGAACTGGATGGTTTTCT  
 TTGTTGAGAAGACTGAAAACATTGTTAGTGAACAACAACAGAATATGCCGTATAGGTGAG  
 GGACTTGATCAGGCTCTGCCCTGTCTGACAGAACTCATTCTACCAATAATAGTCTCGTG  
 GAACTGGGTGATCTGGACCCTCTGGCATCTCTCAAATCGCTGACTTACCTAAGTATCCTA  
 AGAAATCCGGTAACCAATAAGAAGCATTACAGATTGTATGTGATTTATAAAGTCCGCAA  
 GTCAGAGTACTGGATTTCCAGAAAGTAAAAGAGCGTCAGGAAGCAGAGAAAATG  
 TTCAAGGGCAAACGGGGTGCACAGCTTCAAAGGATATTGCCAGGAGAAGCAAACTTTT  
 AATCCAGGTGCTGGTTTGCCAACGTGACAAAAGAAAGGTGGGCCATCTCCAGGGGATGTA  
 GAAGCAATCAAGAATGCCATAGCAAATGCTTCAACTCTGGCTGAAGTGGAGAGGCTGAAG  
 GGGTTGCTGCAGTCTGGTCAGATCCCTGGCAGAGAACGCAGATCAGGGCCCACTGATGAT  
 GGTGAAGAAGAGATGGAAGAAGACAGTCACAAACGGGTCTGAGCAGTGAAGCAGATG  
 TATAATAATAGGCCCTCTTGAACAAGTCTTGGTTTTCGAACATGGTATAATAGCCTTGT  
 TTGTGTTAGCAAAGTGAATCTATCAGCATTGTTGAAATGCTTAAAGACTGCTGCTGATAA  
 TTTTGAATATAAGTTTTGAAATCTAAATGTCAATTTTCTACAAATTATAAAAATAAACT  
 CCACTCACTATGCTACCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_003090



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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>	<u><a href="#">NM_003090.2</a></u> , <u><a href="#">NP_003081.2</a></u>
<b>RefSeq Size:</b>	1068 bp
<b>RefSeq ORF:</b>	768 bp
<b>Locus ID:</b>	6627
<b>UniProt ID:</b>	<u><a href="#">P09661</a></u>
<b>Cytogenetics:</b>	15q26.3
<b>Domains:</b>	LRR, LRRcap
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Spliceosome
<b>Gene Summary:</b>	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346, PubMed:27035939). Associated with sn-RNP U2, where it contributes to the binding of stem loop IV of U2 snRNA (PubMed:9716128, PubMed:27035939).[UniProtKB/Swiss-Prot Function]