

Product datasheet for **SC125714**

SNRPN (BC065369) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNRPN (BC065369) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRPN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for BC065369 edited
 ATTTATTATTAGCTATTATTAATGCAGAACCAGGGGACAAAAAGCTCACAAACACTCTAC
 ACAATTTACAAGACACATTGCAGGGGAAAAAGTGACTGAGATGGATCAACAGTATGCTA
 GGGTCTTGGTGGACTCATTCTAGGGGAGGTGGACCTCTAATTCCTGGTGGAGGGGGTCT
 CATTCTGGAGGGGGCATGCCTACTGGTGTCCCTCGAGCAGAGGGAAGCCCAATTGGTGG
 GCCCGTGGGTGGCCTCATACCAGGTTTCAAGAGTCCAAGTTTAACTGTGGACATTGGATC
 TCGGGGAACGGCAGTCGTGACCGTGGGCAAGAGTAGCAAGATGCTGCCGCACACGGACCA
 CAGAATGAGACGTATCCTACAAGATGGCCGAGTCTTCATTGGCACCTTCAAGGCTTTTGA
 CAAGCATATGAATATGATCCCCTGTGATTGTGACGAGTTCAGAAAAGATGAAACTAAAGAA
 TGCGAAGCAACCAGCACGTGAAGAAAAGCGGGTTTCGGGCCCTCCGCTTCTAAAGAAGC
 TTGCTGGGGGGCCACACTACTGCCATTGCTCAGAGCTTGGTTACACGGCCCGGCCACA
 CCAGGCCACACAGAGACAAGAAGCGCAATGTGCTGGCAAAGACTTTACCGGAGGAGAAG
 GGGAGAATGGCTGTCTTTGCCAAATAGCCCGTCACGAACGTACCCCTGCTGGCCCCCGC
 AAGTGCACCAACCGACTCGAAAGTCCCAGAGAGGGCTGGCGGGCAAGGACCTGAGTCTCC
 AGCCACCCTGCAGGAGGAGCCAGGGACCCTCGCATCCCTGATAAGGAAGCAGGTGGGG
 TGCCCTGTGTGACCCCGAAACAGCCTGTAGTCTCACCCCTCCATTCCACGAGACTCTTA
 AGTCTGCCGCTTTTGCAGCAAAAGCCCAGTGTGGGGGTGAGCGTGTGGGGAGTGTGGGA
 GACGGGCTCTGACCCGGCCACCCTGGGCAGCTGTGCTCACGCAGCACCCCGCCGTTCC
 AGCTGGACTTCACCTGGCAGGACAGCCAACAGGCTCACCGTGGCCTCCGTCCTGGGGGT
 CGTGCATGGGGGACTGGGCCAGCCGAGCAGTGGGACATGCTGCCTTCTACCCTGCTCC
 ACCTGCCACAAACACAACTGGAATGTTCTCAGCCACCTCCAGACTTCACACCCTTTGGG
 CTTTGGGGCACAGAGGTGGGCTGCCCTGGGAAAGGAGGGAGAGAAGGAGGCTTCGAGA
 GAGCACGGACATGAGTCAGACTGAAATAAAGCAAAGCCACACCGCTCACGTTTTAAAG
 CAATTGCCAATGTCTCAGCGTGTCTGAAGCTCAGGGCGACAGCCGGGGCGGATAAACA
 CCTGCCACAGATGCCAGCATGCCCGTGCCACCCCGTGCCACCCTGAGGTCTCTGGAC
 TGAAGGAAGCAGAAGGCCCTGGAGGGCACCTCCTGCTGGGCCAGGGCCACTGGGGTCTCC
 CAGGAGCACCTCCAGCCCTGCCCCCATGCCCAGATTGTGGGAGCACAGGGCTCGCTCC
 ACTGTCCATGGAAGAGGCTGGAATTCAGCCCAGCCATCCCCACCCAGGGACAGGCCTC
 CCAGGAGCTCACACTCGCCCCCACAACTGACGTGGACTTGGGGTCCCAGGCATCTTTC
 CTCCCAGACCCGAGAGCAGCCAGAAACAAACCCTCCAGAAACCTGCCTTCTACTGGTACA
 AATAAATCGACAAGAGGGCAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC065369 unedited
 NGAGCCGTTACAGATTTGTAACGACTCACTATAGGCGGCCGGAATTCGCACGAGGATT
 TATTATTAGCTATTATTAATGCAGNAACCAGGGNACAAAAAGCTCACAAACACTCTACA
 CAATTTACAAGACACATTGCAGNGGAAAAAGTGACTGAGATGGATCAACAGTATGCTA
 GGGTCTTGGTGGACTCATTCTAGGGGAGGTGGACCTCTAATTCCTGGTGGAGGGGGTCT
 CATTCTGGAGGGGGCATGCCTACTGGTGTCCCTCGAGCAGAGGGAAGCCCAATTGGTGG
 GCCCGTGGGTGGCCTCATACCAGGTTTCAAGAGTCCAAGTTTAACTGTGGACATTGGATC
 TCGGGGAACGGCAGTCGTGACCGTGGGCAAGAGTAGCAAGATGCTGCCGCACACGGACCA
 CAGAATGAGACGTATCCTACAAGATGGCCGAGTCTTCATTGGCACCTTCAAGGCTTTTGA
 CAAGCATATGAATATGATCCCCTGTGATTGTGACGAGTTCAGAAAAGATGAAACTAAAGAA
 TGCGAAGCAACCAGCACGTGAAGAAAAGCGGGTTTCGGGCCCTCCGCTTCTAAAGAAGC
 TTGCTGGGGGGCCACACTACTGCCATTGCTCAGAGCTTGGTTACACGGCCCGGCCACA
 CCAGGCCACACAGAGACAAGAAGCGCAATGTGCTGGCAAAGACTTTACCGGAGGAGAAN
 GGGAGAATGGCTGTCTTTGCCAAATAGCCCGTCACGAACGTACCCCTGCTGGCCCCCGC
 AGTGCACCACCGACTCGAAAGTCCANAAAGGGCTGGCGGGCAAGACCTGAGTCTCAGCCA
 CCCTGCAGGAGGCCAGGGCCCTCGCATCCTGATAGGGAGCAGTTGGG

Restriction Sites: Please inquire

ACCN: BC065369

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:	BC065369.1
RefSeq Size:	1780 bp
Locus ID:	6638
Cytogenetics:	15q11.2
Protein Families:	Stem cell - Pluripotency
Gene Summary:	This gene is located within the Prader-Willi Syndrome critical region on chromosome 15 and is imprinted and expressed from the paternal allele. It encodes a component of the small nuclear ribonucleoprotein complex, which functions in pre-mRNA processing and may contribute to tissue-specific alternative splicing. Alternative promoter use and alternative splicing result in a multitude of transcript variants encoding the same protein. Transcript variants that initiate at the CpG island-associated imprinting center may be bicistronic and also encode the SNRPN upstream reading frame protein (SNURF) from an upstream open reading frame. In addition, long spliced transcripts for small nucleolar RNA host gene 14 (SNHG14) may originate from the promoters at this locus and share exons with this gene. Alterations in this region are associated with parental imprint switch failure, which may cause Angelman syndrome or Prader-Willi syndrome. [provided by RefSeq, Mar 2017]