

## Product datasheet for **SC201217**

### SNRPN (NM\_022806) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SNRPN (NM_022806) Human 3' UTR Clone
Symbol:	SNRPN
Synonyms:	HCERN3; PWCR; PWS; RT-LI; SM-D; sm-N; SMN; SNRNP-N; SNURF-SNRPN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022806
Insert Size:	309 bp
Insert Sequence:	>SC201217 3'UTR clone of NM_022806 The sequence shown below is from the reference sequence of NM_022806. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site
	GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CCCCCAGGAATGCGTCCACCAAGACCT <b>TAG</b> CATACTGTTGATCCATCTCAGTCACTTTTTCCCTGCAA TGCGTCTTGTGAAATTGTGAGAGTGGTGTGAGCTTTTGTCCCTCATTCTGCATTAATAATAGCTA ATAATAAATGCATAGAGCAATTAAGTGTGAGGTACTGTTGTATATATTTTTTGCCTGTTGATTTTGA TGAGATCTTAAGTTACTGTGGATGAGGGTATGCCTATTAAGCAGTTGATTCAAATCATATTCTCTTAA ATTCTTAGGATAAAAAGTTTTCTGCTATCTAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_022806.5</a></u>



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**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]

**Locus ID:**

6638

**MW:**

11.8