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Product datasheet for SC201216

SNRPN (NM_022807) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SNRPN (NM_022807) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SNRPN
Synonyms:	HCERN3; PWCR; PWS; RT-LI; SM-D; sm-N; SMN; SNRNP-N; SNURF-SNRPN
ACCN:	NM_022807
Insert Size:	309 bp
Insert Sequence:	>SC201216 3'UTR clone of NM_022807 The sequence shown below is from the reference sequence of NM_022807. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCCCAGGAATGCGTCCACCAAGACCTTAGCATACTGTTGATCCATCTCAGTCACTTTTTCCCCTGCAA TGCGTCTTGTGAAATTGTGTAGAGTGTTTGTGAGCTTTTTGTTCCCTCATTCTGCATTAATAATAGCTA ATAATAAATGCATAGAGCAATTAAACTGTGAGGTACTGTTGTATATATTTTTTTGCCTGTTGATTTTGA TGAGATCTTAAGTTACTGTGGATGAGGGTGATGCCTATTAAGCAGTTGATTCAAATCATATTCTCTTTA ATTCTTAGGATAAAAAGGTTTTCTGCTATCTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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:	NM_022807.5

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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