

Product datasheet for MC201309

Snrpn (NM_001082962) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snrpn (NM_001082962) Mouse Untagged Clone
Tag: Tag Free
Symbol: Snrpn
Synonyms: 2410045I01Rik; HCERN3; Peg; Peg4; Pwc; sm-D; SMN; snRNP-N
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019589 sequence for NM_001082962
GGAGAGGGAGCCGAGATGCCAGACGCTTGGTTCTGAGGAGTGATTTGCAACGCAATGGAGCGGGAAGG
GATCGCTTACACTTGAGAAGAAGTACTGAACAGCAGCGTCCCGAGGTCGAGGTCCAGGTCAAACGTCGAA
GGACAGCCTCACTGAGCAACCAAGAGTGTCACTTGTACCCACGAGCTTCTCAGCAACAGCAAGTTCTCTGT
GGTGGATTTCCAGGCAGAACTAAGACAGGCATTCTTAGCTGAGACACCAAGAGGTGGTTAAAGCAGTATT
GCAACTTCAAGGTGGTGAATTC AAGGAAAACAGGACCCATCCTCTGTCTGTGAACTTTGGTCAAGCTT
ACATTGTTTGTAAATAGCCTGCATCGAACCTTTATTTATATCCCTTCCCCGAGTATTAAGGATCTTGAAA
TTTTAGTGTGACAACGGCTATTGTGGAACAGCAATCATGACTGTGGGTAAGAGTAGCAAGATGCTGCAG
CACATTGACTATAGGATGAGATGTATCCTGCAAGATGGGAGAATCTTCATTGGCACCTTCAAGGCTTTTG
ACAAGCATATGAATTTGATCCTCTGTGATTGTGATGAGTTCAGGAAGATCAAGCCAAAGAATGCAAAAACA
GCCAGAACGTGAAGAAAACGGGTTTTGGGCTGCTGCTACGTGGGAGAACTTGGTTTCAATGACT
GTGGAGGGCCACCTCCTAAAGATACTGGCATTGCTCGTGTGCCTTGTCTGGCGCTGCAGGTGGCCCTG
GGTTTGAAGAGCAGCTGGCAGAGGAGTGCCAGCAGGTGTACCTATTTCCCAGGCTCCTGTGGATTAGC
AGGCCCTGTGAGAGGAGTTGGAGGCCATCCCAGCAGGTGATGACCCACAGGGAAGAGGCACTGTTGCA
GCTGCTGCTGTTGCTGCTACTGCTAGCATTGCAGGAGCCCAACCCAGTACCCGCCAGGACGGGAACTC
CACCTCCACCTGTAGGCAGAGCAACCCACCTCCAGGCATTATGGCTCCTCCACCTGGTATGAGACCACC
CATGGGCCACCCATTGGGCTTCCCCCTGCTCGTGGGACACCTATAGGCATGCCTCCTCCAGGAATGAGA
CCCCCTCCACCAGGAATTAGAGGCCACCTCCCCCAGGAATGCGCCACCAAGACCCTAAGATACAGTTG
ATAAATCTCAGCCCTTCTTCCCCTACAATGCTTCTTGTGAAATTGTGTACCTGCAAGCTTTTTGACCC
CTCTTACTGCATTAACATAGATAATAAATACATAGAGCAATTCAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_001082962
Insert Size: 723 bp



[View online »](#)

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:	BC019589 , AAH19589
RefSeq Size:	1319 bp
RefSeq ORF:	723 bp
Locus ID:	20646
UniProt ID:	P63163
Cytogenetics:	7 34.04 cM
Gene Summary:	<p>This locus represents a paternally-expressed imprinted gene that encodes a component of the small nuclear ribonucleoprotein complex, which functions in pre-mRNA processing. Genomic and genetic changes in this region result in growth defects and lethality; the corresponding region in human is the critical region for Prader-Willi Syndrome. Alternative promoter use and alternative splicing result in a multitude of transcript variants encoding the same protein. Transcript variants 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 incorporate exons shared with this gene. [provided by RefSeq, Mar 2017]</p> <p>Transcript Variant: This variant (3) represents use of an alternate promoter compared to variant 1.</p>