

Product datasheet for **SC333386**

SNRPD1 (NM_001291916) Human Untagged Clone

Product data:

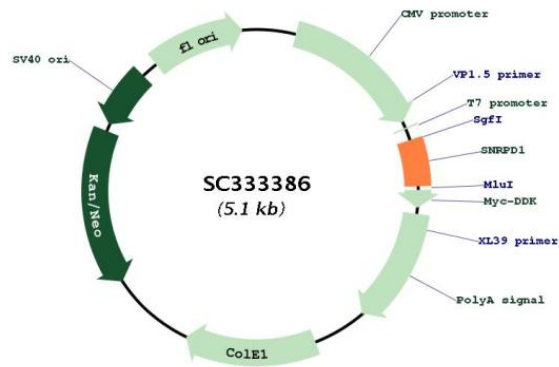
Product Type: Expression Plasmids
Product Name: SNRPD1 (NM_001291916) Human Untagged Clone
Tag: Tag Free
Symbol: SNRPD1
Synonyms: HsT2456; Sm-D1; SMD1; SNRPD
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333386 representing NM_001291916.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGAAGCTCGTGAGATTTTGTGAAATTGAGTCATGAACTGTAACCATTGAATTGAAGAACGGAACA
CAGGTCCATGGAACAATCACAGACAGTTTACCTCTGGATACACTACTTGTGGATGTTGAACCTAAGGTG
AAATCTAAGAAAAGGGAAGCTGTTGCAGGAAGAGGCAGAGGAAGAGGAAGAGGAAGAGGACGTGGCCGT
GGCAGAGGAAGAGGGGTCCTAGCGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001291916

Insert Size: 237 bp

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:

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: [NM_001291916.1](#)

RefSeq Size: 1514 bp

RefSeq ORF: 237 bp

Locus ID: 6632

UniProt ID: [P62314](#)

Cytogenetics: 18q11.2

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Spliceosome, Systemic lupus erythematosus

MW: 8.6 kDa

Gene Summary: This gene encodes a small nuclear ribonucleoprotein that belongs to the SNRNP core protein family. The protein may act as a charged protein scaffold to promote SNRNP assembly or strengthen SNRNP-SNRNP interactions through nonspecific electrostatic contacts with RNA. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]

Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.