

Product datasheet for SC333730

SNRPD3 (NM 001278656) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: SNRPD3 (NM_001278656) Human Untagged Clone

Tag: Tag Free Symbol: SNRPD3

Synonyms: Sm-D3; SMD3

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC333730 representing NM_001278656.

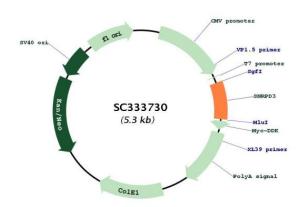
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCTATTGGTGTGCCGATTAAAGTACTGCATGAGGCCGAGGGCCACATTGTGACATGTGAGACGAAC ACCGGTGAGGTATATCGGGGGAAGCTCATTGAAGCAGAGGACCAACATGAACTGCCAGATGTCCAACATC ACAGTCACATACAGAGATGGCCGAGTGGCACAGCTGGAGCAGGTATACATCCGTGGCAGCAAAATCCGC TTTCTGATTTTGCCTGACATGCTGAAGAACGCACCCATGTTAAAGAGCATGAAAAATAAAAACCAAGGC TCAGGGGCTGGCCGAGGAAAAAGCTGCTATTCTCAAGGCCCCAAGTGGCCGCAAGAGGAAGAGGACGTGGA

ATGGGACGTGGAAACATCTTTCAAAAGCGAAGA<mark>TAA</mark>

Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_001278656



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Insert Size: 381 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 001278656.1

3794 bp RefSeq Size: RefSeq ORF: 381 bp Locus ID: 6634 **UniProt ID:** P62318

Cytogenetics: 22q11.23

Protein Families: Druggable Genome

Protein Pathways: Spliceosome, Systemic lupus erythematosus

13.9 kDa MW:

This gene encodes a core component of the spliceosome, which is a nuclear **Gene Summary:**

ribonucleoprotein complex that functions in pre-mRNA splicing. Alternative splicing results in

multiple transcript variants. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeg record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record

were based on transcript alignments.