

Product datasheet for **SC117501**

SNRPD3 (NM_004175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNRPD3 (NM_004175) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRPD3
Synonyms:	Sm-D3; SMD3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117501 sequence for NM_004175 edited (data generated by NextGen Sequencing) ATGTCTATTGGTGTGCCGATTAAGTACTGCATGAGGCCGAGGGCCACATTGTGACATGT GAGACGAACACCCGGTGAAGTATATCGGGGAAGCTCATTGAAGCAGAGGACAACATGAAC TGCCAGATGTCCAACATCACAGTCACATACAGAGATGGCCGAGTGGCACAGCTGGAGCAG GTATACATCCGTGGCAGCAAAATCCGCTTTCTGATTTTGCCTGACATGCTGAAGAACGCA CCCATGTTAAAGAGCATGAAAAATAAAAACCAAGGCTCAGGGGCTGGCCGAGGAAAAGCT GCCATTCTCAAGGCCAAGTGGCCGCAAGAGGAAGAGGACGTGGAATGGGACGTGGAAAC ATCTTTCAAAGCGAAGATAA Clone variation with respect to NM_004175.3 303 t=>c



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004175 unedited GTTCTGAATTTGTATACGACTCCTATAGGCGGCCCGCAATTCGCACGAGGCTCACGCCTT CGCCGTAGCATCTTTTCGACGCGGACCGAAGAGAAGAAAGTAGGCCAGAGCCGAACCTCT TCCTGCCAAGATGTCTATTGGTGTGCCGATTAAGTACTGCATGAGGCCGAGGGCCACAT TGTGACATGTGAGACGAACACCGGTGAGGTATATCGGGGAAGCTCATTGAAGCAGAGGA CAACATGAACTGCCAGATGTCCAACATCACAGTCACATACAGAGATGGCCGAGTGGCACA GCTGGAGCAGGTATACATCCGTGGCAGCAAAATCCGCTTTCTGATTTTGCCTGACATGCT GAAGAACGCACCCATGTTAAAGAGCATGAAAAATAAAAACCAAGGCTCAGGGGCTGGCCG AGGAAAAGCTGCCATTCTCAAGGCCAAGTGGCCGCAAGAGGAAGAGGACGTGGAATGGG ACGTGGAAACATCTTTCAAAGCGAAGATAATTTTCTAAGTTGAACAGAACTTTGTCTT TTTTCTTTCAGGTTATCTGAGTTCATTGGAGTGGGTGCTTGTGCATATATGCTAGGTATC TTTTGCCATCTTCTCTTTAGATCAGGGGAAATGTTTAAGCTAAATAAATCTGGGGGTT TTTTGTTCTGTTTTGTTTTGTTNTCTTTGAGAAAATAAGGACTNTGTGTTCAATTTGAAGT TTGCTTTGGCTAAATTTGACACCCTGNNGGGATGTCCTGGGAGAATGCCAGTACTTTGA AATAGCACAGCTATTGATGAGATTNTAAGCTGCTTTCCTGGCCAGTTGCAGNTAGCCC CCAAAAAGTTACCTTGGNAAAGCTCCGAGACCACANGATGTGTCTCATTCTCTTCGACCA GCCCATAGGTGNCACTTTGTTAGTAA
Restriction Sites:	NotI-NotI
ACCN:	NM_004175
Insert Size:	4000 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:	<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:	NM_004175.3 , NP_004166.1
RefSeq Size:	1385 bp
RefSeq ORF:	381 bp
Locus ID:	6634
UniProt ID:	P62318
Cytogenetics:	22q11.23
Domains:	Sm
Protein Families:	Druggable Genome

Protein Pathways: Spliceosome, Systemic lupus erythematosus

Gene Summary: This gene encodes a core component of the spliceosome, which is a nuclear ribonucleoprotein complex that functions in pre-mRNA splicing. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq 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.