

Product datasheet for **RG235836**

SNRPD3 (NM_001278656) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNRPD3 (NM_001278656) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SNRPD3
Synonyms: Sm-D3; SMD3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235836 representing NM_001278656.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTATTGGTGTGCCGATTAAGTACTGCATGAGGCCGAGGGCCACATTGTGACATGTGAGACGAAC
ACCGGTGAGGTATATCGGGGAAGCTCATTGAAGCAGAGGACAACATGAAGTCCAGATGTCCAACATC
ACAGTCACATACAGAGATGGCCGAGTGGCACAGCTGGAGCAGGTATACATCCGTGGCAGCAAAATCCGC
TTTCTGATTTTGCCTGACATGCTGAAGAACGCACCCATGTTAAAGAGCATGAAAAATAAAAACCAAGGC
TCAGGGGCTGGCCGAGGAAAAGCTGCTATTCTCAAGGCCAAGTGGCCGCAAGAGGAAGAGGACGTGA
ATGGGACGTGAAACATCTTTCAAAGCGAAGA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235836
 Blue=ORF Red=Cloning site Green=Tag(s)

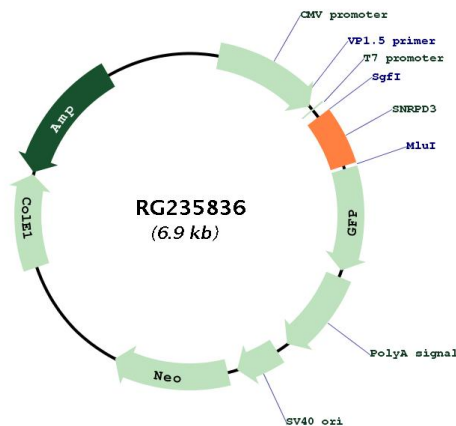
```
MSIGVPIKVLHEAEGHIVTCETNTGEVYRGLIEAEDNMNCQMSNITVYRDGRVAQLEQVYIRGSKIR
FLILPDMLKNAPMLKSMKNKQSGAGRGKAAILKAQVAARGRGRMGRGNIFQKRR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:

Plasmid Map:


ACCN: NM_001278656

ORF Size: 378 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001278656.1 , NP_001265585.1
RefSeq Size:	3794 bp
RefSeq ORF:	381 bp
Locus ID:	6634
UniProt ID:	P62318
Cytogenetics:	22q11.23
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome, Systemic lupus erythematosus
MW:	13.9 kDa
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]