

Product datasheet for RG235492

SNRPD1 (NM_001291916) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

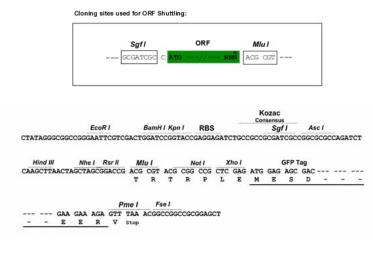
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	SNRPD1 (NM_001291916) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SNRPD1
Synonyms:	HsT2456; Sm-D1; SMD1; SNRPD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>RG235492 representing NM_001291916. Blue=ORF Red=Cloning site Green=Tag(s)</pre>
	GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGCGATCGCC ATGAAGCTCGTGAGATTTTGATGAAATTGAGTCATGAAACTGTAACCATTGAATTGAAGAACGGAACA CAGGTCCATGGAACAATCACAGACAGTTTACCTCTGGATACACTACTTGTGGATGTTGAACCTAAGGTG AAATCTAAGAAAAGGGAAGCTGTTGCAGGAAGAGGCAGAGGAAGAGGAAGAGGAAGAGGACGTGGCCGT GGCAGAGGAAGAGGGGGGTCCTAGGCGA ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
Protein Sequence:	<pre>>Peptide sequence encoded by RG235492 Blue=ORF Red=Cloning site Green=Tag(s)</pre>
	MKLVRFLMKLSHETVTIELKNGTQVHGTITDSLPLDTLLVDVEPKVKSKKREAVAGRGRGRGRGRGRGRGR GRGRGGPRR TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYYSSVVDSHMHFKSAIHPSILQNGGPMFA FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
Restriction Sites:	SgfI-Mlul

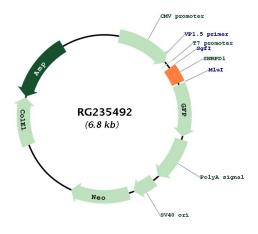


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Cloning Scheme:



Plasmid Map:



ACCN:	
ORF Size:	
OTI Disclaimer:	

NM_001291916

234 bp

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. <u>More info</u>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	SNRPD1 (NM_001291916) Human Tagged ORF Clone – RG235492
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:	<u>NM 001291916.2</u>
RefSeq Size:	1514 bp
RefSeq ORF:	237 bp
Locus ID:	6632
UniProt ID:	<u>P62314</u>
Cytogenetics:	18q11.2
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways	Spliceosome, Systemic lupus erythematosus
MW:	9.1 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]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US