

Product datasheet for RC201713L4

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

SNRP70 (SNRNP70) (NM 003089) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SNRP70 (SNRNP70) (NM_003089) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: SNRP70

RNPU1Z; RPU1; Snp1; SNRP70; U1-70K; U1AP; U1RNP; U170K Synonyms:

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

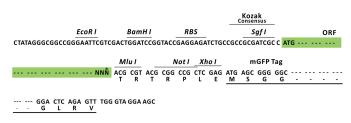
The ORF insert of this clone is exactly the same as(RC201713).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_003089

ORF Size: 1311 bp





SNRP70 (SNRNP70) (NM_003089) Human Tagged Lenti ORF Clone - RC201713L4

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).

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: <u>NM 003089.4</u>

RefSeq Size:2008 bpRefSeq ORF:1314 bpLocus ID:6625

 UniProt ID:
 P08621

 Cytogenetics:
 19q13.33

Protein Families: Druggable Genome

Protein Pathways: Spliceosome MW: 51.6 kDa

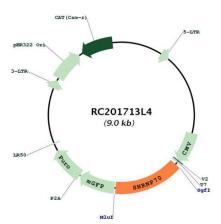
Gene Summary: Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA

5' splice-site and the subsequent assembly of the spliceosome (PubMed:19325628, PubMed:25555158). SNRNP70 binds to the loop I region of U1-snRNA (PubMed:2467746,

PubMed:19325628, PubMed:25555158).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC201713L4