

Product datasheet for RC203129L4

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

OriGene Technologies, Inc.

SRP19 (NM_003135) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SRP19 (NM_003135) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SRP19

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 clo

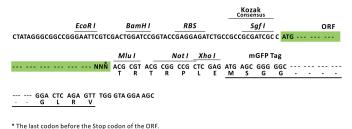
Sequence:

The ORF insert of this clone is exactly the same as(RC203129).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_003135

ORF Size: 432 bp



SRP19 (NM_003135) Human Tagged Lenti ORF Clone - RC203129L4

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 003135.1</u>

 RefSeq Size:
 1502 bp

 RefSeq ORF:
 435 bp

 Locus ID:
 6728

 UniProt ID:
 P09132

Cytogenetics: 5q22.2 Domains: SRP19

Protein Pathways: Protein export

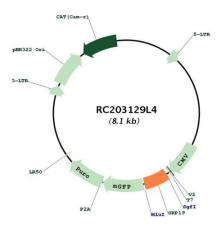
MW: 16.2 kDa

Gene Summary: Signal-recognition-particle assembly, binds directly to 7S RNA and mediates binding of the 54

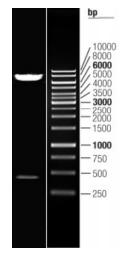
kDa subunit of the SRP.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC203129L4



Double digestion of RC203129L4 using Sgfl and Mlul