

Product datasheet for **SC333494**

SRP19 (NM_001204199) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SRP19 (NM_001204199) Human Untagged Clone
Tag: Tag Free
Symbol: SRP19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333494 representing NM_001204199.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

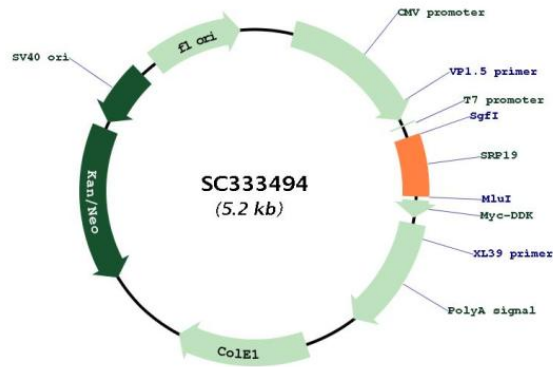
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTTGCGCTGCCGCGCGGTCCCCGGCCGACCAGGACAGGTTATTTGTATCTATCCTGCTTATTTA
AATAATAAGAAGACCATCGCAGAGGGAAGGCGAATCCCCATAAGTAAGGCTGTTGAAAAATCCTACAGCT
ACAGAGATTCAAGATGTATGTTTCAGCAGTTGGACTTAACGTATTTCTTGAGAAAAATAAAATGACTCT
AGAGAAATGGAATCGTGATGTCCAATACAGAGGCAGAGTCCGGTCCAGCTCAAACAGGAAGATGGGAGC
CTCTGCCTTGACAGTTCCCATCACGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001204199

Insert Size: 306 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:

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_001204199.1](#)

RefSeq Size: 1967 bp

RefSeq ORF: 306 bp

Locus ID: 6728

Cytogenetics: 5q22.2

Protein Pathways: Protein export

MW: 11.5 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]
Transcript Variant: This variant (6) differs in the 3' coding region and 3' UTR, compared to variant 1, resulting in an isoform (6) with a distinct and shorter C-terminus, compared to isoform 1. 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.