

Product datasheet for **RC233281**

SRP19 (NM_001204194) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SRP19 (NM_001204194) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SRP19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233281 representing NM_001204194
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTGCCTGCCGCGCGGTCCCCGGCCGACCAGGACAGGTTATTTGTATCTATCCTGCTTATTTAA
ATAATAAGAAGACCATCGCAGAGGGAAGGCGAATCCCCATAAGTAAGAAAAATAAAATGACTCTAGAGA
ATGGAATCGTGATGTCCAATACAGAGGCAGAGTCCGGTCCAGCTCAAACAGGAAGATGGGAGCCTCTGC
CTTGTACAGTCCCATCACGTAAGTCAGTAATGTTGTATGCAGCAGAAATGATACCTAACTAAAAACAA
GGACACAAAAACAGGAGGTGCTGACCAAAGTCTTCAACAAGGAGAGGGAAGTAAAAAGGGAAAGGAAA
GAAAAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233281 representing NM_001204194
Red=Cloning site Green=Tags(s)

MACAAARSPADQDRFICIPAYLNNKKTIAEGRRIPISSKNKMYSRWNRDVQYRGRVRLKQEDGSLC
LVQFSPRSVMLYAAEMIPKLKTRTQKTGGADQSLQQEGEGSKKGGKGGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001204194

ORF Size: 360 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).

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.

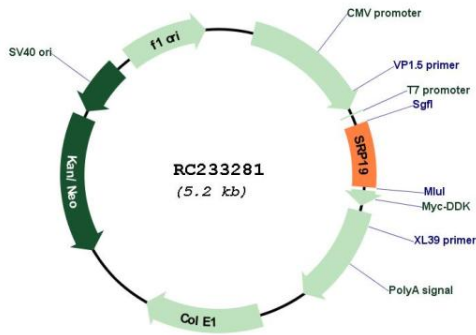
RefSeq: [NM_001204194.1](#), [NP_001191123.1](#)

RefSeq Size: 1430 bp

RefSeq ORF: 363 bp

Locus ID: 6728
 UniProt ID: [P09132](#)
 Cytogenetics: 5q22.2
 Protein Pathways: Protein export
 MW: 14.1 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 RC233281