

Product datasheet for **RG235600**

SRP19 (NM_001204199) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SRP19 (NM_001204199) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SRP19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235600 representing NM_001204199.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTTGCCTGCCGCGCGGTCCCCGGCCGACCAGGACAGGTTTATTTGTATCTATCCTGCTTATTTA
AATAATAAGAAGACCATCGCAGAGGGAAGGCGAATCCCCATAAGTAAGGCTGTTGAAAAATCCTACAGCT
ACAGAGATTCAAGATGTATGTTCCAGCAGTTGGACTTAACGTATTTCTTGAGAAAAATAAAATGTACTCT
AGAGAATGGAATCGTGATGTCCAATACAGAGGCAGAGTCCGGTCCAGCTCAAACAGGAAGATGGGAGC
CTCTGCCCTGTACAGTTCCCATCAGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235600
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MACAAARSPADQDRFICIPAYLNNKKTIAEGRRIPIKAVENPTATEIQDVCSAVGLNVFLEKNKMYS
REWNRDVQYRGRVRLKQEDGSLCLVQFPSR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_001204199

ORF Size: 303 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).

RefSeq: [NM_001204199.2](#)

RefSeq Size: 1967 bp

RefSeq ORF: 306 bp

Locus ID: 6728

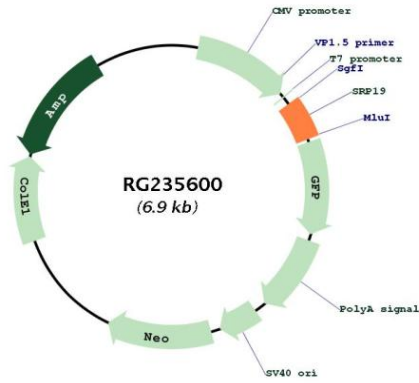
Cytogenetics: 5q22.2

Protein Pathways: Protein export

MW: 12 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 RG235600