

# **Product datasheet for RG207661**

## RPS19BP1 (NM 194326) Human Tagged ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: RPS19BP1 (NM 194326) Human Tagged ORF Clone

Tag: TurboGFP Symbol: RPS19BP1

Synonyms: AROS; S19BP

Mammalian Cell

Selection:

Neomycin

**Vector:** pCMV6-AC-GFP (PS100010)

**E. coli Selection:** Ampicillin (100 ug/mL)

ORF Nucleotide >RG207661 representing NM\_194326

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTCCGCCGCCCTGCTGCGGCGGGGCCTGGAGCTGCTGGCGGCGTCCGAGGCCCCCCGGGACCCTCCAG
GTCAGGCCAAGCCGAGAGGGCTCCGGTGAAACGGCCCCGGAAGACGAAGCCAATTCAGGCCCAGAAACT
GCGGAACTCGGCCAAGGGAAAGGTGCCCAAGTCGGCACTGGACGAAGCGAAGCGAAGCTGTCGAGAC
CACCTCAGAGTAAACCTGAAGTTTCTGACCAGGACGAGAAGCACCGTGGCTGAGTCTGTGAGCCAGCAGA
TTTTGCGCCAGAACCGGGGCCGCAAGGCCTGTGACCGGCCTGTGGCCAAGACCAAGAAGAAGAAGAAGCTGA
GGGCACCGTGTTCACCGAGGAAGACTTCCAGAAGTTCCAGCAGGAATACTTCGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG207661 representing NM\_194326

Red=Cloning site Green=Tags(s)

MSAALLRRGLELLAASEAPRDPPGQAKPRGAPVKRPRKTKAIQAQKLRNSAKGKVPKSALDEYRKRECRD HLRVNLKFLTRTRSTVAESVSQQILRQNRGRKACDRPVAKTKKKKAEGTVFTEEDFQKFQQEYFGS

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-Mlul



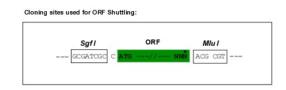
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

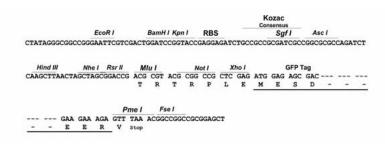
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

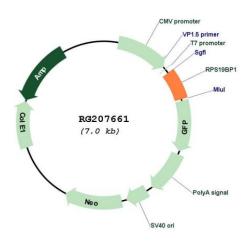


#### **Cloning Scheme:**





### Plasmid Map:



**ACCN:** NM\_194326 **ORF Size:** 408 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



## RPS19BP1 (NM\_194326) Human Tagged ORF Clone - RG207661

**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 194326.4</u>

 RefSeq Size:
 952 bp

 RefSeq ORF:
 411 bp

 Locus ID:
 91582

 UniProt ID:
 Q86WX3

 Cytogenetics:
 22q13.1

**Gene Summary:** Direct regulator of SIRT1. Enhances SIRT1-mediated deacetylation of p53/TP53, thereby

participating in inhibition of p53/TP53-mediated transcriptional activity.[UniProtKB/Swiss-Prot

Function]