

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 Sequence: >RG207661 representing NM_194326
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGCCGCCCTGCTGCGGGGGCCTGGAGCTGCTGGCGCGTCCGAGGCCCGGGACCCTCCAG
GTCAGGCCAAGCCGAGAGGGCTCCGGTCAAACGGCCCGGAAGACGAAGCAATTCAGGCCAGAACT
GCGGAACCGCCAAAGGAAAGGTGCCAAGTCGGCACTGGACGAGTACCGGAAGCGAGAGTGTGAGAC
CACCTCAGAGTAACTGAAGTTTCTGACCAGGACGAGAAGCACCGTGGCTGAGTCTGTGAGCCAGCAGA
TTTTGCGCCAGAACCGGGCCGCAAGGCCTGTGACCGGCCTGTGGCCAAGACCAAGAAGAAGAAGGCTGA
GGCACCGTGTTACCGGGAAGACTTCCAGAAGTTCAGCAGGAATACTTCGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG207661 representing NM_194326
Red=Cloning site **Green**=Tags(s)
MSAALLRRGLELLAASEAPRDPPGQAKPRGAPVKRPRKTKAIIQAQKLRNSAKGKVPKLSALDEYRKRECRD
HLRVNLKFLTRTRSTVAESVSQQILRQNRGRKACDRPVAKTKKKKAEGTVFTEEDFQKFQQEYFGS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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_194326.4
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]