

Product datasheet for MG216044

Rps19bp1 (NM 175109) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rps19bp1 (NM_175109) Mouse Tagged ORF Clone

Tag: TurboGFP
Symbol: Rps19bp1

Synonyms: 2510038A11Rik; Al604923; S19BP

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >MG216044 representing NM_175109

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

TTTGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216044 representing NM_175109

Red=Cloning site Green=Tags(s)

MSAALVRRGLELLAASEAPRAVPGQVQASGTPAKRTRRARAKASQALKLRNSAKGKAPKSALAEYQKRQC RDHLKANLKFMTSMRSTVPESVTQQILQQNQGRKACDRLVAKTKNKKKKKKAEGTVFTEEDFQKFQREY

FGS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



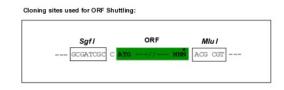
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

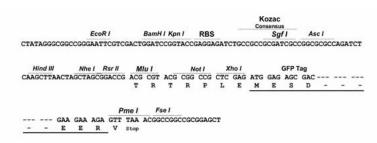
CN: techsupport@origene.cn

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

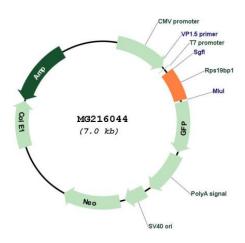


Cloning Scheme:





Plasmid Map:



ACCN: NM_175109

ORF Size: 429 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: <u>NM 175109.3, NP 780318.1</u>

RefSeq Size: 830 bp
RefSeq ORF: 432 bp
Locus ID: 66538
UniProt ID: Q8C6B9
Cytogenetics: 15 E1

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

participating in inhibition of p53/TP53-mediated transcriptional activity (By similarity).

[UniProtKB/Swiss-Prot Function]