

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; AI604923; S19BP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216044 representing NM_175109
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGCGCGTTAGTGCGGCGGTTTGGAGCTTCTGGCGCGTCCGAGGCTCCCCGTGCGTCCCGG
 GCCAGGTCAGGCTAGCGGGACTCCGGCGAAGCGGACCCGGAGGGCGGGCCAAGGCTCCAGGCTCT
 GAAACTGCGGAAGCTCAGCGAAGGAAAGCGCCTAAGTCCGCTCTAGCTGAGTACCAGAAACGGCAGTGT
 CGAGACCACCTCAAAGCAAACCTGAAGTTTATGACCAGCATGAGAAGCACCGTCCAGAGTCTGTGACCC
 AGCAGATCCTGCAGCAGAACCAAGGCCAAAAGCCTGTGATCGGCTAGTGCCAAGACGAAGAACAAGAA
 GAAGAAGAAGAAGGCTGAGGGCACTGTGTTCACTGAAGAAGACTTCCAGAAGTCCAGAGGGAATAT
 TTTGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216044 representing NM_175109
 Red=Cloning site Green=Tags(s)

MSAALVRRGLELLAASEAPRAVPGVQASGTPAKRTRRARAKASQALKLRNSAKGKAPKSALAEYQKRQC
 RDHLKANLKFMTSMRSTVPESVTQQILQQNQGRKACDRLVAKTKNKKKKKAEGTVFTEEDFQKFQREY
 FGS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>NM_175109.3, NP_780318.1</u>
RefSeq Size:	830 bp
RefSeq ORF:	432 bp
Locus ID:	66538
UniProt ID:	<u>Q8C6B9</u>
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]