

## Product datasheet for **MG200919**

### Mrpl42 (NM\_026065) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrpl42 (NM\_026065) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Mrpl42  
**Synonyms:** 2700009F22Rik; 2900055D03Rik; D10ErtD322e; HSPC204; L31mt; MRP-L31; PTD007; Rpml31  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG200919 representing NM\_026065  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCGGCAGTAAAATGGGCGATATCAAACAGAAGTCTCTGGAAGCATTACTTCCAATCCAAAACG  
 GAGCTTTGTCTAGTGCTTGTACAAAATCCACATACTCTTCTCTCCGGATGACTACAATTGCCAGGTGGA  
 CCTCGCCTTGACAGCCGACGGCAGGACAATAGTGTGCTACCACCCTTCTGTGGACATCCCCTACGAACAC  
 ACCAAACCCATCCCTCAACCAGATCTTCTGCATAATAATGAGGAAACCCACGAGCAGATCCTGAAAGCCA  
 AGTTAGAAGTTAGAAAGCAAGCAGCTGGAGCAAGGCCATGATAGAACAAGTGAAGGTGTTCTA  
 CACCACGAAGCATCGCTGGTACCCGACGACAGTATCACAATCGTCGTAAAGAACTGAATCCTCCAGAG  
 GACAGA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG200919 representing NM\_026065  
 Red=Cloning site Green=Tags(s)

MAAAVKWAISNRTIWKHLLPIQNGALSSACHKSTYSSLPDDYNCQVDLALTADGRTIVCYHPSVDIPYEH  
 TKPIQPDLHNNNEETHEQILKAKLEVRKSKQLEQPMIEQLSKVFYTTKRWYPHGQYHNRRKLNPPR  
 DR

**TR**TRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI





<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_026065.4</u>
<b>RefSeq Size:</b>	668 bp
<b>RefSeq ORF:</b>	429 bp
<b>Locus ID:</b>	67270
<b>UniProt ID:</b>	<u>Q9CPV3</u>
<b>Cytogenetics:</b>	10 49.39 cM