

## Product datasheet for **MG226342**

### Myo9b (NM\_001142322) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Myo9b (NM\_001142322) Mouse Tagged ORF Clone  
Tag: TurboGFP  
Symbol: Myo9b  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-AC-GFP (PS100010)  
E. coli Selection: Ampicillin (100 ug/mL)  
ORF Nucleotide Sequence: >MG226342 representing NM\_001142322  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGCACGAGGCTGGCAGCTCGGGCGTCGGCAGCAGGCCACCTACCACCTGCACATCTACCCGC  
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CAACTATGCCAATGAGCAGTTGCAGTACTTTCACCCAGCACATCTTCAAGCTGGAGCAGGAGGAGTAC  
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GATACCATACTTCTGGGACCAAGCGCAGGTATTCGGACCCCTACCTACTGCCTGCCCCAGCTCCG  
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:** >MG226342 representing NM\_001142322  
 Red=Cloning site Green=Tags(s)

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KASVPIVLEKLEHVEMHGLYTEGLYRKS GAANRTREL RQALQTDPAAVKLEDFPIHAITGVLKQWLREL
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DTILPGTKRRYS DPPTYCLPPSSGQANG
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI



**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:** [NM\\_001142322.1](#), [NP\\_001135794.1](#)

**RefSeq Size:** 7296 bp

**RefSeq ORF:** 6387 bp

**Locus ID:** 17925

**Cytogenetics:** 8 34.43 cM