

## Product datasheet for **MG203354**

### **Dnajc9 (NM\_134081) Mouse Tagged ORF Clone**

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                         |
| Product Name:             | Dnajc9 (NM_134081) Mouse Tagged ORF Clone                                   |
| Tag:                      | TurboGFP                                                                    |
| Symbol:                   | Dnajc9                                                                      |
| Synonyms:                 | 5330419I01Rik; AU020082                                                     |
| Mammalian Cell Selection: | Neomycin                                                                    |
| Vector:                   | pCMV6-AC-GFP (PS100010)                                                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                      |
| ORF Nucleotide Sequence:  | >MG203354 representing NM_134081<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGGCTGCTGGAGCTGTGCGAGCAGGTGTTTGGCACCGCCGACCTCTACCAAGTGTGGGCGTGCGGC  
 GCGAGGCTTCGGACGGCGAGGTCCGACGCGGCTACCACAAAGTGCCCTGCAAGTGCACCCCGACCGAGT  
 AGAGGAGGACCAGAAAGAGGACGCCACCCGCGCTTCCAGATCTTGGGAAGAGTCTACGCGGTTCTGAGT  
 GACAAGGAACAGAAAGCAGTGTACGATGAACAGGGGACAGTGGACGAAGACTCTGCTGGCCTCAACCAAG  
 ACCGGGACTGGGATGCATATTGGAGATTACTCTTTAAAAAGATATCGCTAGAGGATATCCAAGCTTTTGA  
 AAAGACATACAAAGGCTCCGAAGAAGAGCTAAACGATATTAAGCAGGCCTATCTGGACTTCAAGGGCGAC  
 ATGGACCAGATCATGGAGTCTGTACTTTGTGTACAGTACACAGATGAACCCAGGATAAGAAACATCATTC  
 AAAAAGCTATTGAATCCAAAGAGATTCCAGCCTACAGCGCCTTCGTCAAAGAGTCTAAACAAAAGATGAA  
 TGCAAGGAAAAGGAGGGCTCAGGAAGAGGCTAAAGAAGCAGAGTTGAGCAGAAAGGAGCTGGGACTGGAA  
 GAAGGAGTGGATAACTTGAAAGCACTCATCCAGAGCAGACAAAGGATCGGCAAAAGGAAATGGACAGTT  
 TTCTGGCTCAAATGGAAGCAAAATACTGCAACCTTCAAAGGAGGAAAAGAACAGCACTCAAGAAGGA  
 AAAGAAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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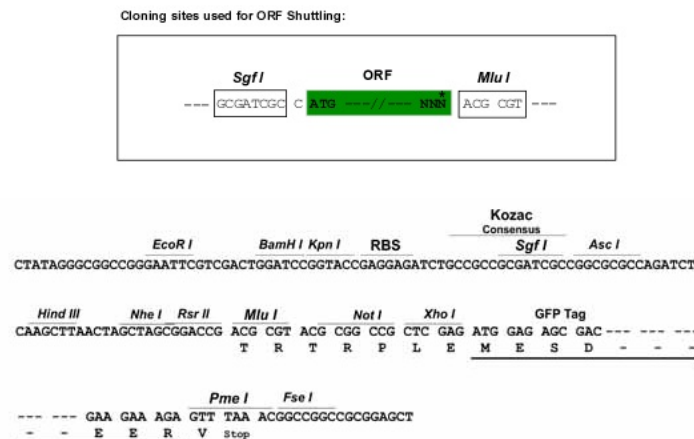
**Protein Sequence:** >MG203354 representing NM\_134081  
 Red=Cloning site Green=Tags(s)

MGLLELCEQVFGTADLYQVLGVRREASDGEVRRGYHKVSLQVHPDRVEEDQKEDATRRFQILGRVYAVLS  
 DKEQKAVYDEQGTVDSDAGLNQDRDWDAYWRLLFKKISLEDIQAFETYKGSEELNDIKQAYLDFKGD  
 MDQIMESVLCVQYTDEPRIRNIIQKAIESKEIPYSAFVKESQKMNARKRRAQEEAKEAELSRKELGLE  
 EGVNLIKALIQSRQKDRQKEMDSFLAQMEAKYCKPSKGGKRTALKKEKK

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_134081

**ORF Size:** 777 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_134081.5](#)

**RefSeq Size:** 1602 bp

**RefSeq ORF:** 780 bp

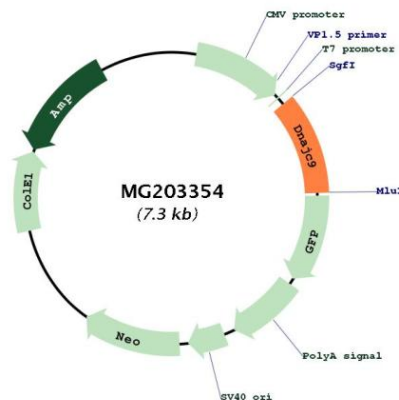
**Locus ID:** 108671

**UniProt ID:** [Q91WN1](#)

**Cytogenetics:** 14 A3

**Gene Summary:** May play a role as co-chaperone of the Hsp70 family proteins HSPA1A, HSPA1B and HSPA8. [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG203354