

# Certificate of Analysis

Project ID: C395TQDWG0-2**Construct Information:**

**Gene Name:** 人 THY1 (NM\_006288) ORF pcDNA3.1(+)-P2A-eGFP  
**Clone ID:** TY551659 **Gene Length:** 501 bp  
**Cloning Vector:** pcDNA3.1(+)-P2A-eGFP **Cloning Strategy:** NheI/XbaI

**Growth in Bacteria:**

**Plasmid resistance:** Ampicillin  
**Suggested competent cell:** TOP10  
**Growth Temperature:** 37 °C

| QC Items                 | Specifications                                               | Results |                                           |
|--------------------------|--------------------------------------------------------------|---------|-------------------------------------------|
| Appearance               | Colorless, clear, free of precipitate or foreign particles   | Pass    | Clear, colorless, no visible particulates |
| Sequence Accuracy        | Sequencing verification match the order requirements         | Pass    | Matched                                   |
| Electrophoresis Analysis | Expected size bands detected in agarose gel electrophoresis. | Pass    | Matched                                   |
|                          |                                                              |         | Shown in attachment 1                     |
| A260/280                 | 1.8~2.0                                                      | Pass    | 1.93                                      |
| Quantity                 | Miniprep: 4 µg                                               | Pass    | ≥ 4 µg                                    |
| Additional Tests         | N/A                                                          | N/A     |                                           |

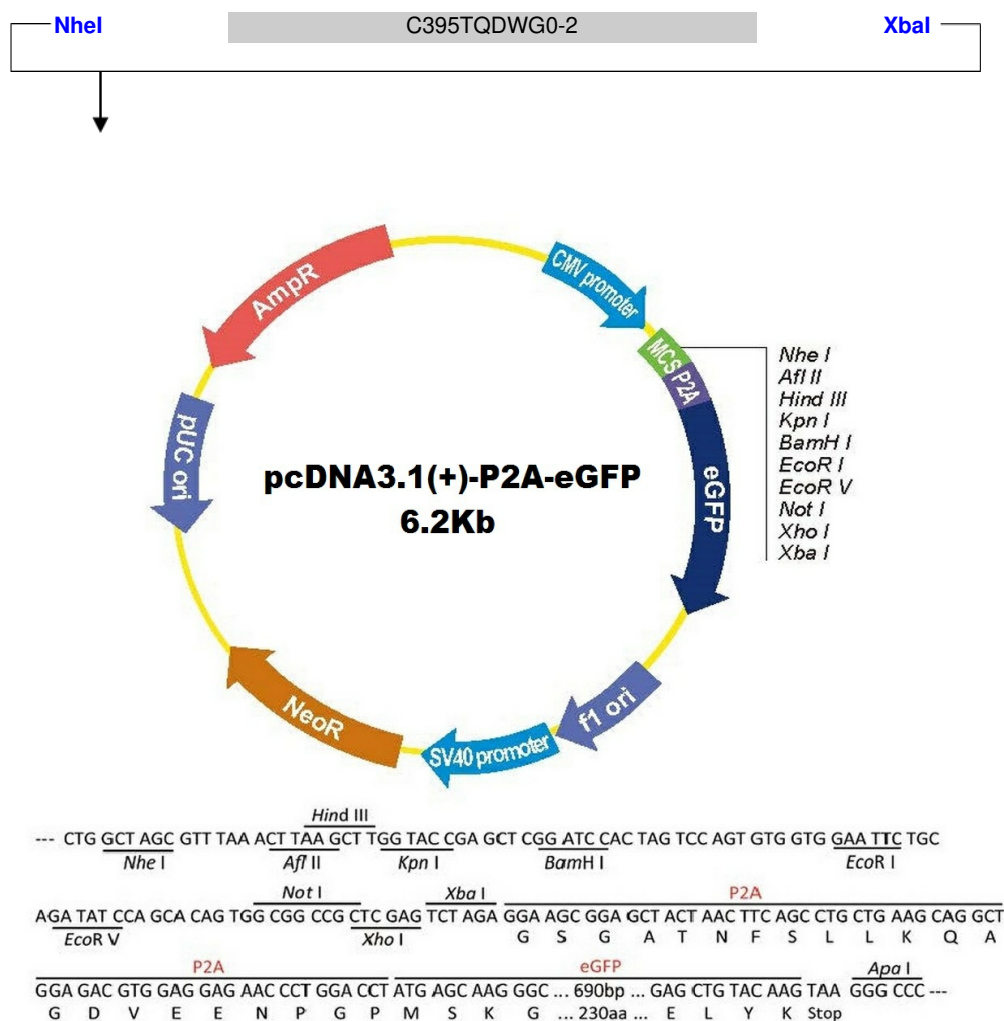
| Default     | Plasmid Storing at | Bacstab Storing at | Glycerol Stock Storing at |
|-------------|--------------------|--------------------|---------------------------|
| Lyophilized | -20°C              | 4°C                | -80°C                     |

Certified by: Jing Yu Date(MM/DD/YYYY): 01/27/2026

For research use only

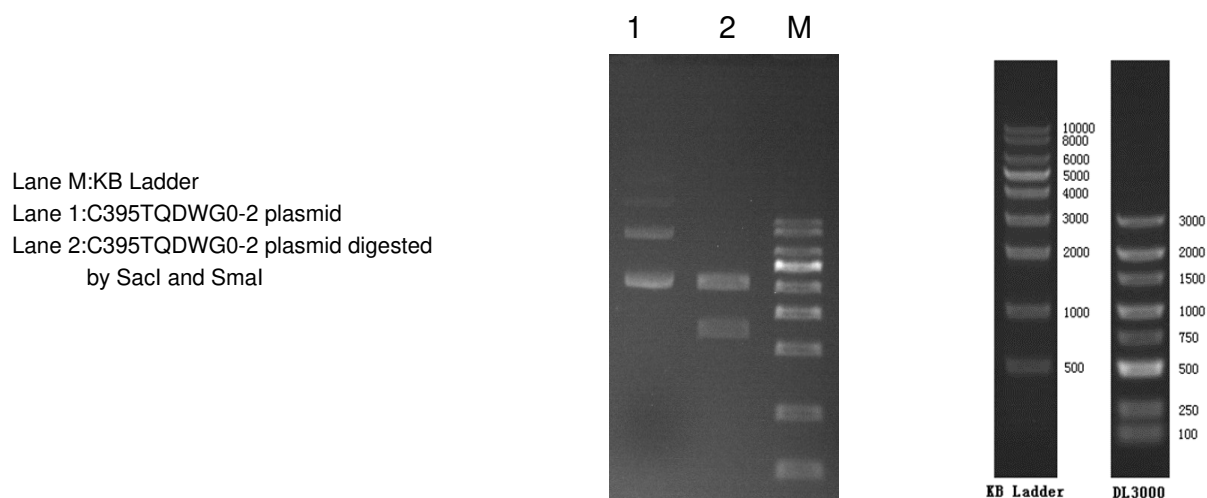
# Plasmid Construct Map

The gene was cloned in pcDNA3.1(+)-P2A-eGFP by NheI/XbaI .



**Notes:** This map is based on a commercial vector. Some of the clone sites may be lost after cloning.

## Agarose Gel Electrophoresis Analysis\*(\*:See FAQ for reference)



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