

| Certificate of Analysis | | | | | | |
|---------------------------|---------------------------|--|-----|--|--------------------|------------|
| Vector Name | pTRE3G-MCS-EGFP-3-FLAG-Te | | | etone-Puro | Catalog No. | V013713 |
| Project/Lot No. | G0327444-1/D85886 | | | | Strain | DH10B |
| Quantity | 100ug | | | | Resistance | Ampicillin |
| QC Results | | | | | | |
| Test Items | | Specifications | | | Results | |
| Appearance | | Clear, no visible particles | | | Pass | |
| Concentration | | The error range is within 5% | | | Pass | |
| A260/280 | | 1.8 - 2.0 | | | Pass | |
| A260/230 | | >2.0 | | | Pass | |
| Supercoiled content | | No request | | | N/A | |
| Residual RNA | | Not visible upon electrophoresis | | | Pass | |
| Genomic DNA | | Not visible upon electrophoresis | | | Pass | |
| Restriction Analysis | | Conforms to reference | | | Pass | |
| Bioburden assay | | No growth on agar plate after 24 hours | | | N/A | |
| Endotoxin Test | | Verified, (Endo-Free Preps Only) | | | N/A | |
| Label | | Correct and white | | | Pass | |
| Sequencing | | Correct | | | Pass | |
| Comments | | - | | | - | |
| Restriction Digestion Map | | | | | | |
| Marker | | 1 | 2 M | | Description of Map | |
| bp | | | | Lane 1: Plasmid DNA Lane 2: Plasmid digested by Sall (6444 bp + 862 bp in theory) Lane M: DNA Marker | | |

Certified by: Chou Fang

Date: <u>July/23/2024</u>

Valid until: July/23/2026