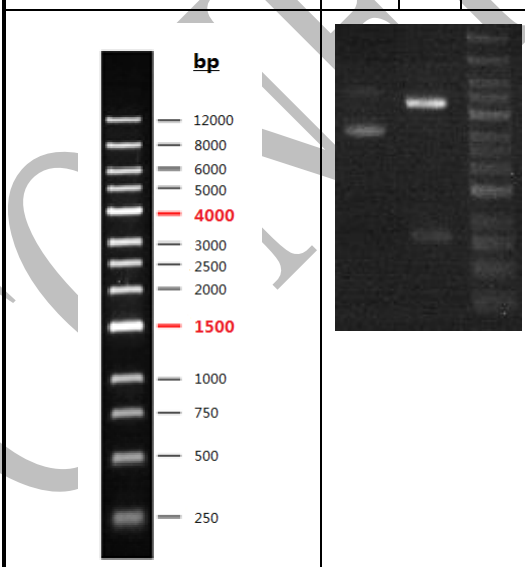


| CERTIFICATE OF ANALYSIS | | | |
|---|---|-------------|------------|
| Vector Name | pcDNA3.1-Flag-HA | Catalog No. | V012404 |
| Project/Lot No. | G0336658-1 / MF27403 | Strain | Top10 |
| Quantity | 100ug | Resistance | Ampicillin |
| QC Results | | | |
| Test Items | Specifications | Results | |
| Appearance | Clear, no visible particles | Pass | |
| Concentration | On request, default | 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 | | | |
| | 1 | 2 | M |
|  <p>bp</p> <p>12000</p> <p>8000</p> <p>6000</p> <p>5000</p> <p>4000</p> <p>3000</p> <p>2500</p> <p>2000</p> <p>1500</p> <p>1000</p> <p>750</p> <p>500</p> <p>250</p> | <p>Lane 1: Plasmid DNA</p> <p>Lane 2: Plasmid digested by MluI-XhoI (4,701 bp+ 790 bp in theory)</p> <p>Lane M: DNA Marker</p> | | |

Certified by: Chou Fang



Date: Oct/05/2024

Valid until: Oct/04/2026