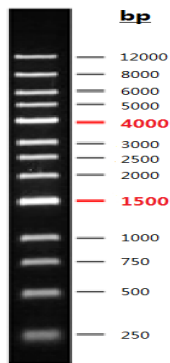
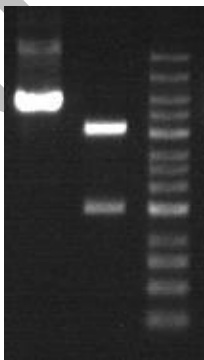


| Certificate of Analysis | | | | |
|---|---|-------------|--|--------------------|
| Vector Name | pET-32a (+) | Catalog No. | V010987 | |
| Project/Lot No. | G0312158-1 /E82039 | Strain | DH10B | |
| Quantity | 100ug | Resistance | Ampicillin | |
| QC Results | | | | |
| Test Items | Specifications | 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 the 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 |
|  |  | | <p>Lane1: Plasmid DNA</p> <p>Lane2: Plasmid digested by XhoI-ApaI (4326 bp + 1574 bp in theory)</p> <p>Lane M: DNA Marker</p> | |



Certified by: Chou Fang

Date: Mar/25/2024

Valid until: Mar/25/2026