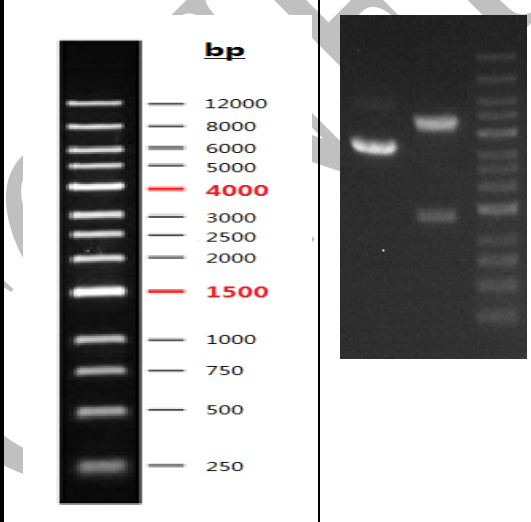


| CERTIFICATE OF ANALYSIS   |  |             |            |
|---|--|-------------|------------|
| Vector Name   | pSFV1                                  | Catalog No. | V001651    |
| Project/Lot No.   | G0298573-1/D59308                      | Strain      | Stbl3      |
| Quantity  | 100ug                                  | 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><b>bp</b></p> <p>12000<br/>8000<br/>6000<br/>5000<br/><b>4000</b><br/>3000<br/>2500<br/>2000<br/><b>1500</b><br/>1000<br/>750<br/>500<br/>250</p> <p><b>Lane1:</b> Plasmid DNA<br/><b>Lane2:</b> Plasmid digested by NcoI-XhoI<br/><b>Lane M:</b> DNA Marker</p> |  |             |            |

Certified by: Chou Fang



Date: Dec/01/2023

Valid until: Dec/01/2025