

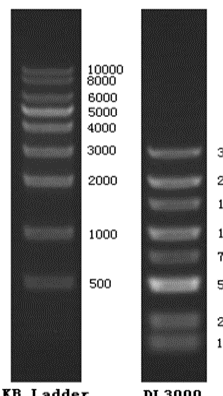
## CERTIFICATE OF ANALYSIS

|                 |                      |            |                 |
|-----------------|----------------------|------------|-----------------|
| Vector Name     | pBeloBAC11           | Catalog No | V012547         |
| Project/Lot No. | C6356GJEG0-1/PD96946 | Strain     | StbI3           |
| Quantity        | 100ug                | Resistance | Chloramphenicol |

### QC Results

| Test Items                | Specifications                         | Results |
|---------------------------|--|---------|
| Appearance                | Clear, no visible particles            | Pass    |
| Sequence Accuracy         | On request, default 1ug/ul             | Pass    |
| Restriction Analysis      | 1.8 - 2.0                              | Pass    |
| A260/280                  | >2.0                                   | Pass    |
| Residual RNA              | No request                             | Pass    |
| <i>E.coli</i> Genomic DNA | Not visible upon electrophoresis       | Pass    |
| Homogeneity               | Not visible upon electrophoresis       | Pass    |
| Endotoxin                 | Conforms to reference                  | N/A     |
| Bio-Burden Test           | No growth on agar plate after 24 hours | N/A     |
| Additional Tests          | Verified, (Endo-Free Preps Only)       | N/A     |

### Restriction Digestion Map

| Marker  | 1 | 2 | M |   |
|---|---|---|---|---|
|  <p><b>KB Ladder</b><br/>10000<br/>8000<br/>6000<br/>5000<br/>4000<br/>3000<br/>2000<br/>1000<br/>500</p> <p><b>DL3000</b><br/>3000<br/>2000<br/>1500<br/>1000<br/>750<br/>500<br/>250<br/>100</p> | 1 | 2 | M | <p><b>Lane 1:</b> Plasmid DNA</p> <p><b>Lane 2:</b> Plasmid digested by BamHI-XhoI<br/>(5480 bp + 2027 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p> <p>Restriction digest of plasmid DNA:<br/>About 100-200 ng of plasmid was digested at 37°C for 30-60 minutes and analyzed on 1% Agarose Gel</p> |

Certified by: Chou Fang



Date: July/08/2024

Valid until: July/08/2025