

for research use only

| CERTIFICATE OF ANALYSIS  |                        |  |            |  |
|--|------------------------|--|------------|--|
| Vector Name  | pBABE-Puro             | Catalog No.                                | V010490    |  |
| Project/Lot No.  | G0368334-1/B62192      | Strain                                     | Top10      |  |
| Quantity   | 10ug                   | Resistance                                 | Ampicillin |  |
| QC Results   |                        |  |            |  |
| Test Items   | Spe                    | Specifications                             |            |  |
| Appearance   | Clear, no visible part | Clear, no visible particles                |            |  |
| Concentration  | On request, default    | On request, default                        |            |  |
| A260/280   | 1.8 - 2.0              | 1.8 - 2.0                                  |            |  |
| A260/230   | >2.0                   | >2.0                                       |            |  |
| Supercoiled content  | No request             | No request                                 |            |  |
| Residual RNA   | Not visible upon ele   | Pass                                       |            |  |
| Genomic DNA  | Not visible upon ele   | Not visible upon electrophoresis           |            |  |
| Restriction Analysis   | Conforms to referen    | Conforms to reference                      |            |  |
| Bioburden assay  | No growth on agar p    | No growth on agar plate after 24 hours N/A |            |  |
| Endotoxin Test   | Verified, (Endo-Free   | Verified, (Endo-Free Preps Only)           |            |  |
| Label  | Correct and white      | Correct and white                          |            |  |
| Sequencing   | Correct                | Correct                                    |            |  |
| Comments   |                        |  |            |  |
| Restriction Digestion Map  1 2 M   |                        |  |            |  |
| Lane 1: Plasmid DNA  Lane 2: Plasmid digested by Scal-HindIII (2178/2991 bp in theory)  Lane M: DNA Marker  Lane M: DNA Marker |                        |  |            |  |

**Certified by: Chou Fang** Date: Jun/20/2025 Valid until: Jun/20/2028

